AFFIX BY DRAFTSMAN
CLASS 364 SUBCLASS 424.07

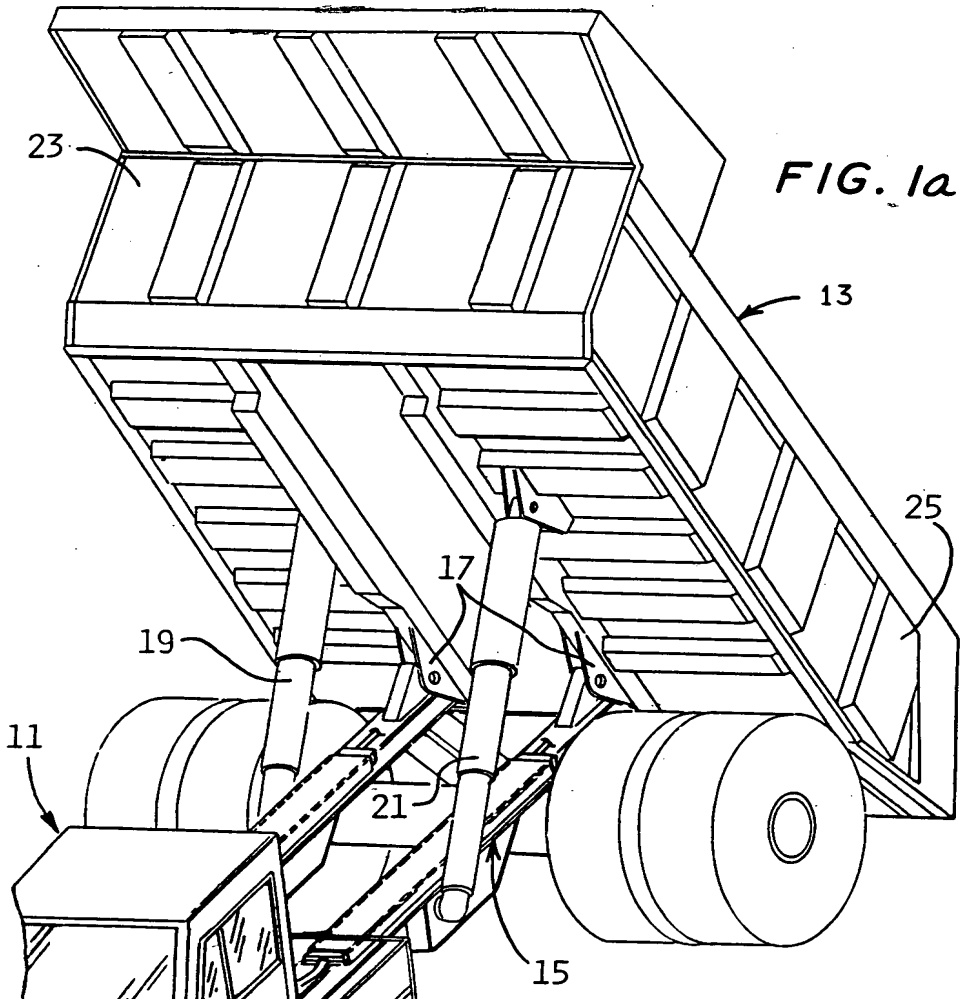

FIG. 1a

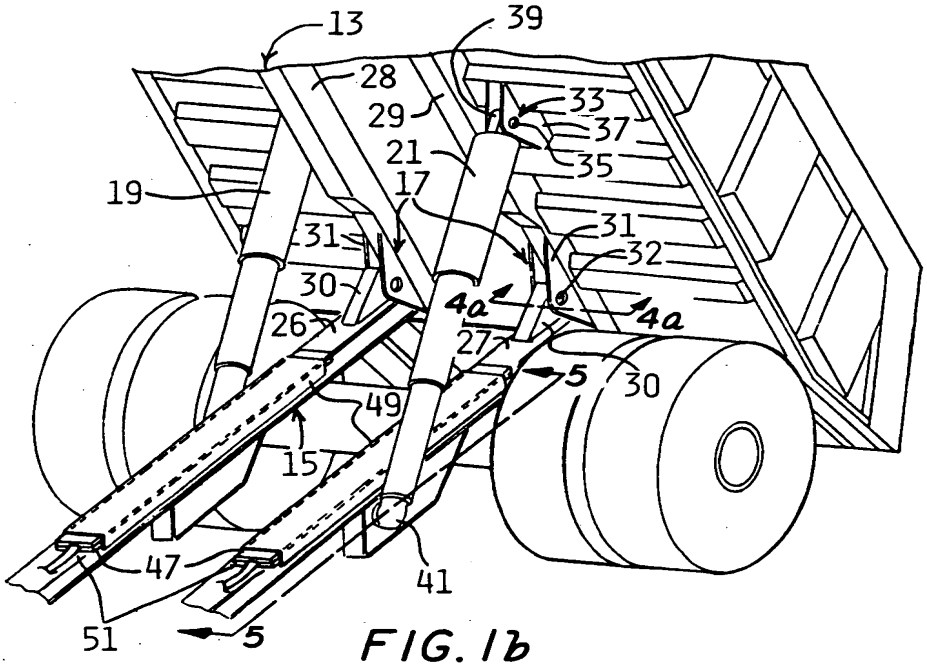

FIG. 1b

ART UNIT | FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

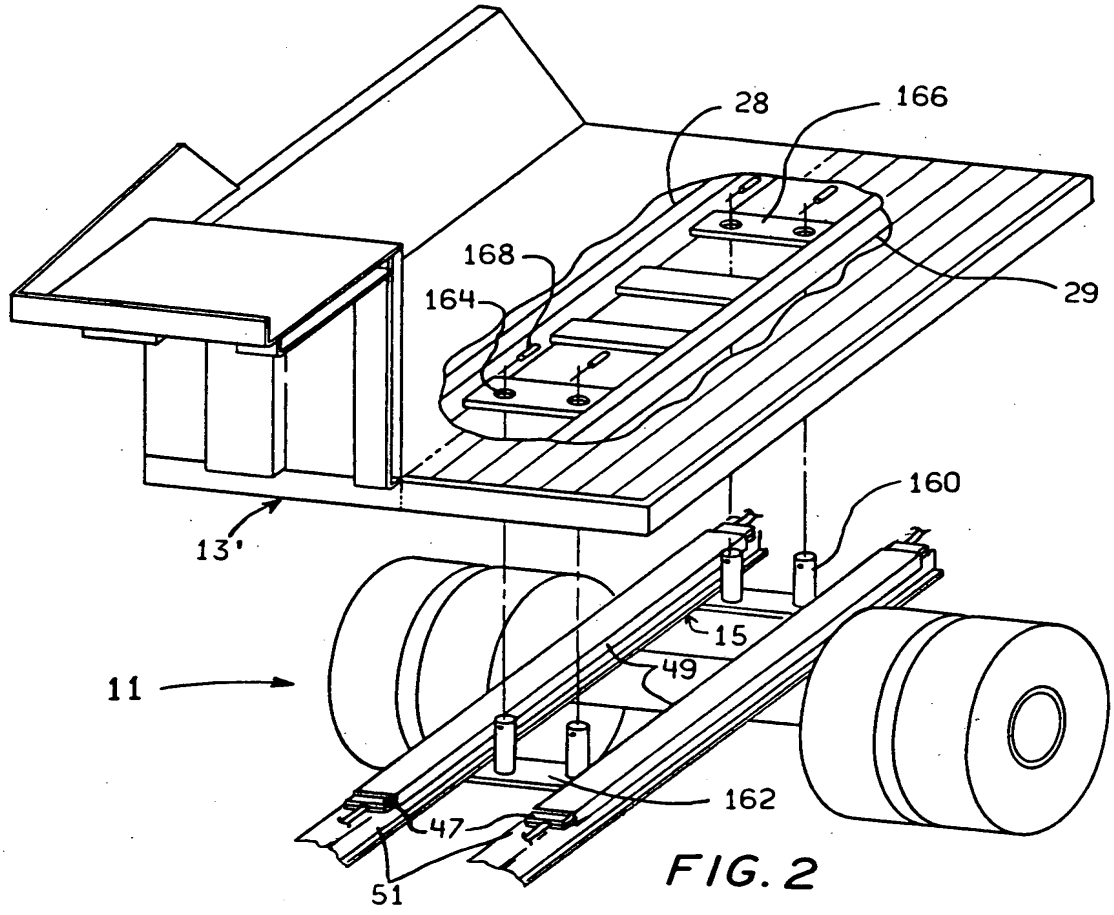

FIG. 2

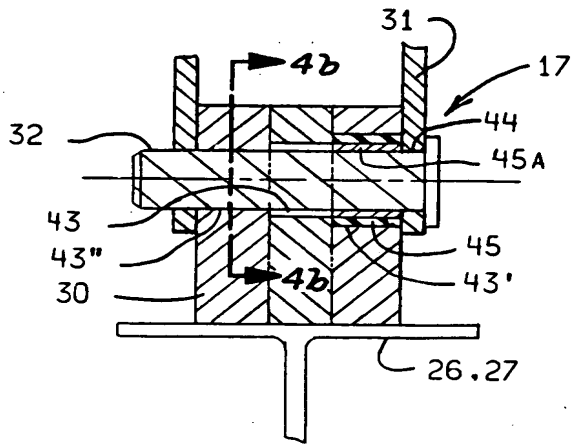

FIG. 4a

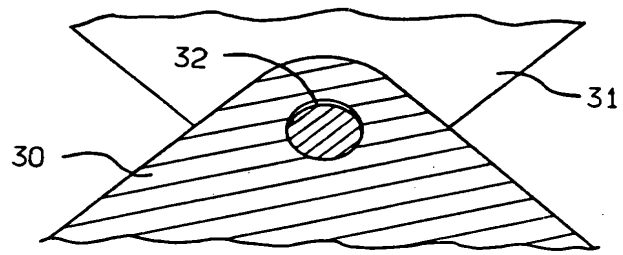

FIG. 4b

APPROVED BY DRAFTSMAN | O.G. FIG. 1 & 3 | CLASS 364 SUBCLASS 424.07

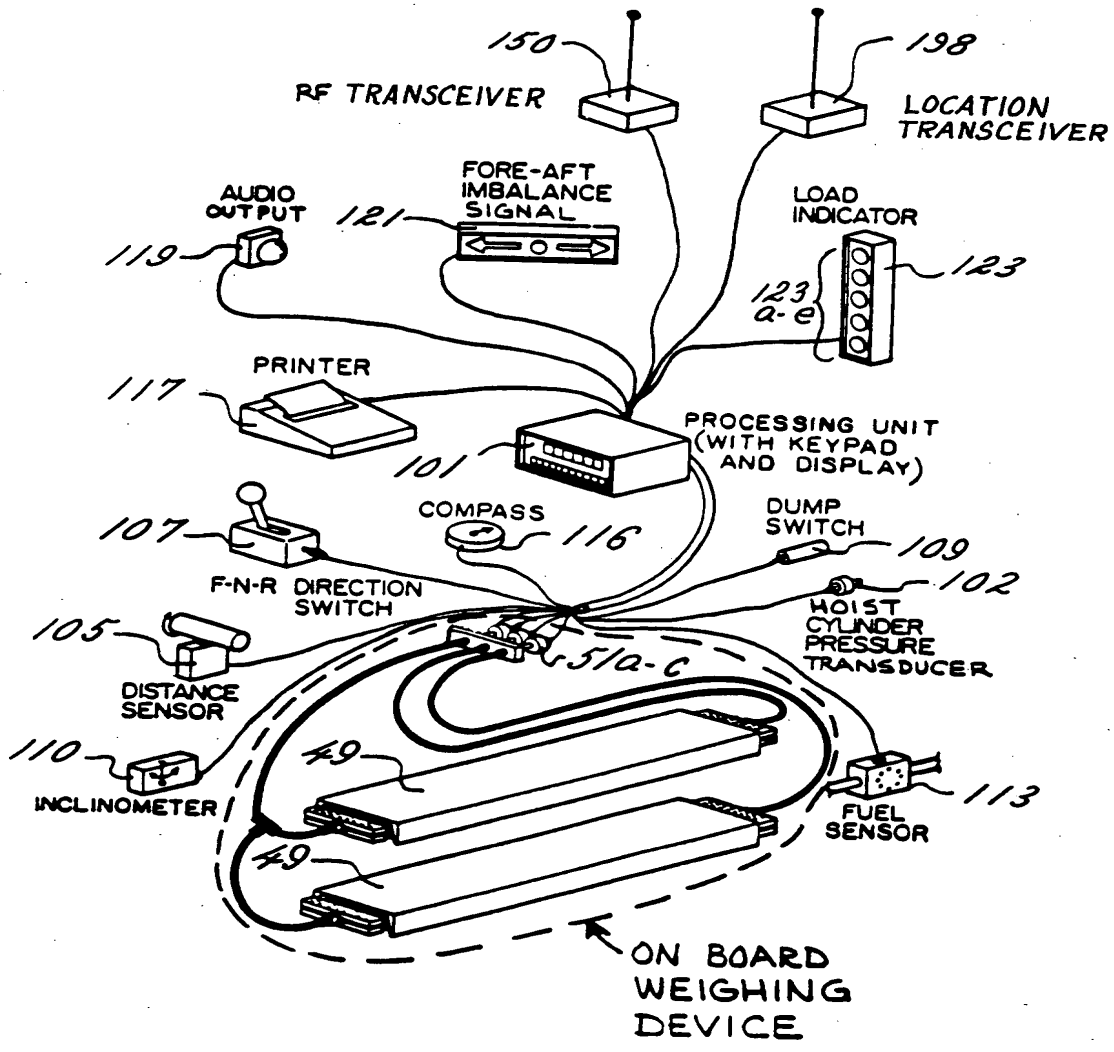

FIG. 3

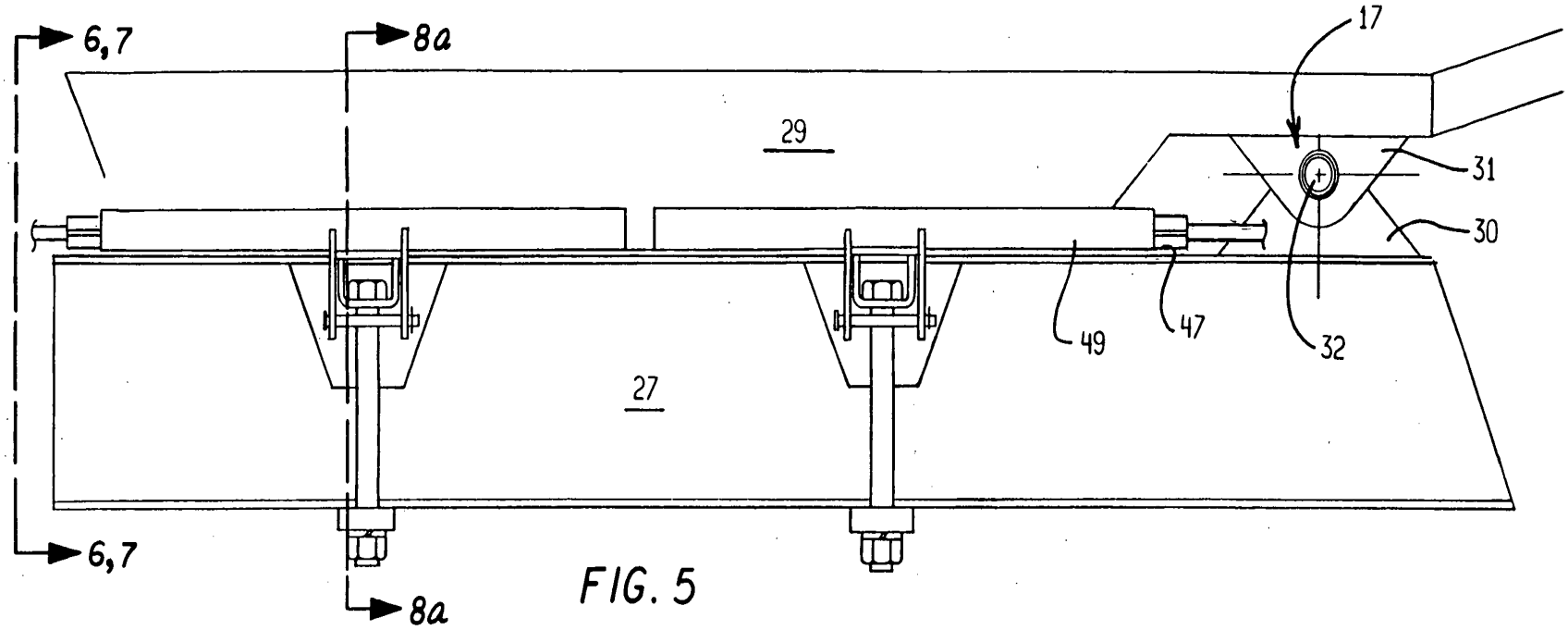

FIG. 5

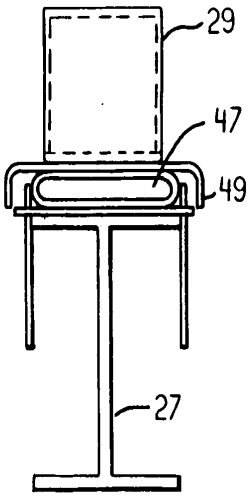

FIG. 6

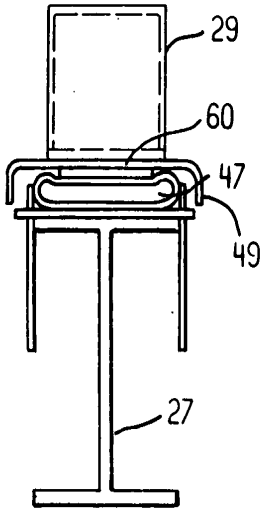

FIG. 7

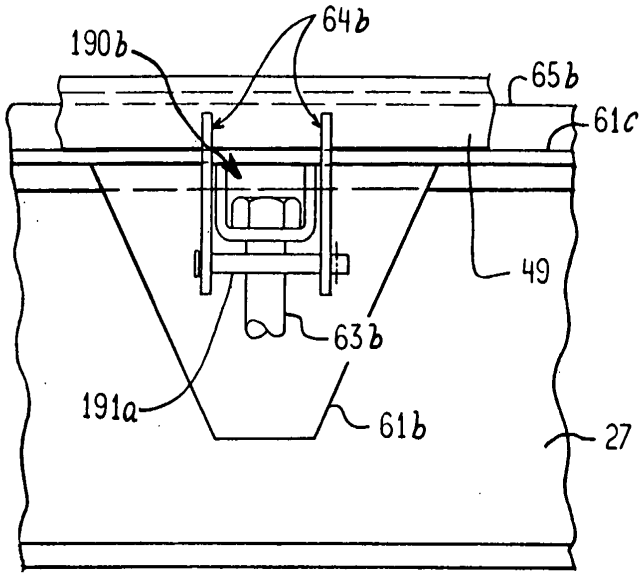

FIG. 8b

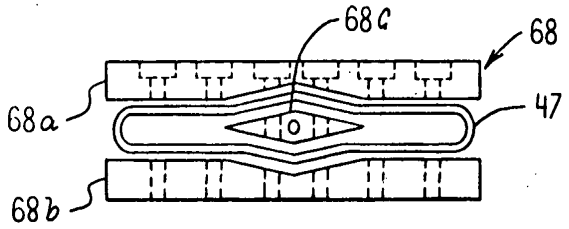

FIG. 9b

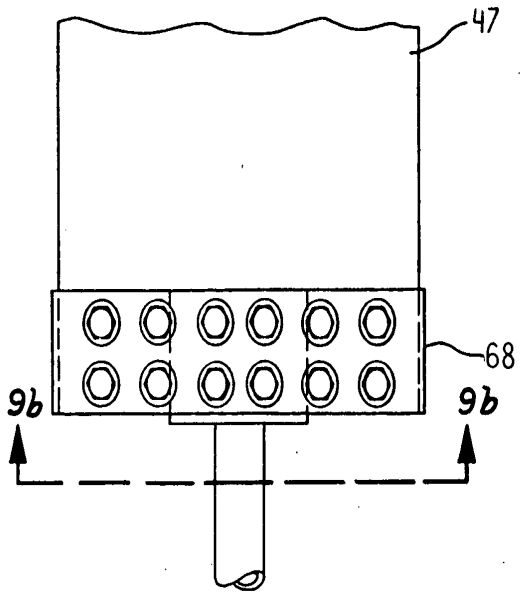

FIG. 9a

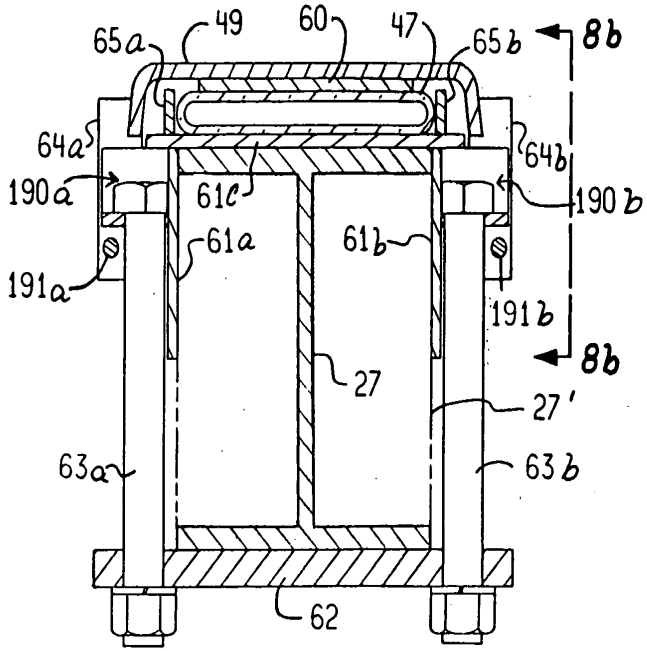

FIG. 8a

	CLASS	SUBCLASS
DRAFTSMAN		

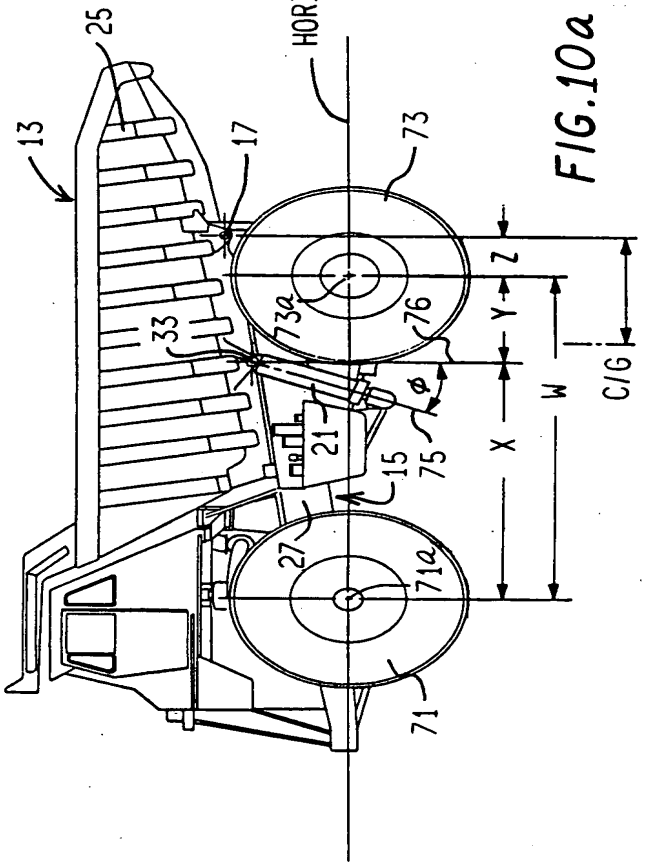

FIG.10a

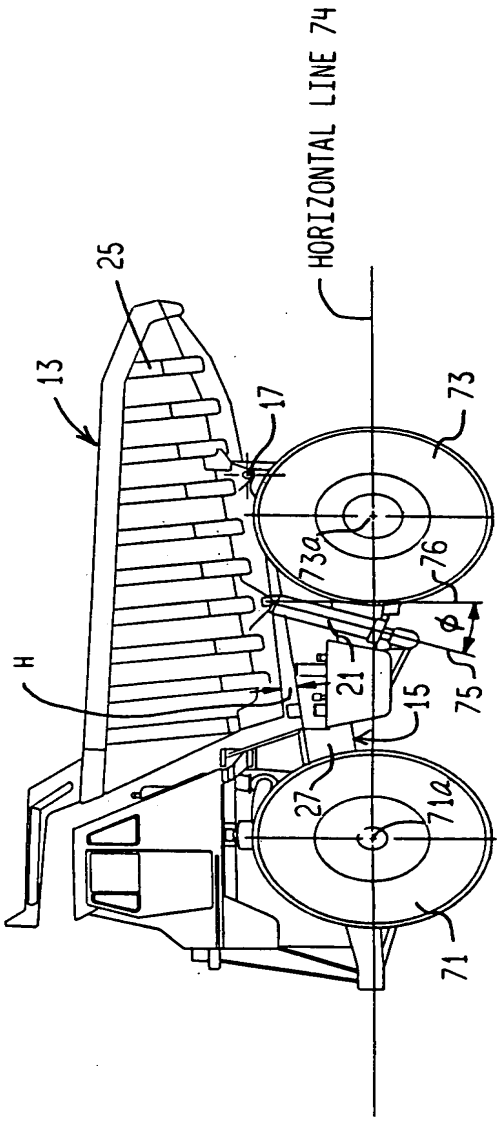

FIG.10b

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

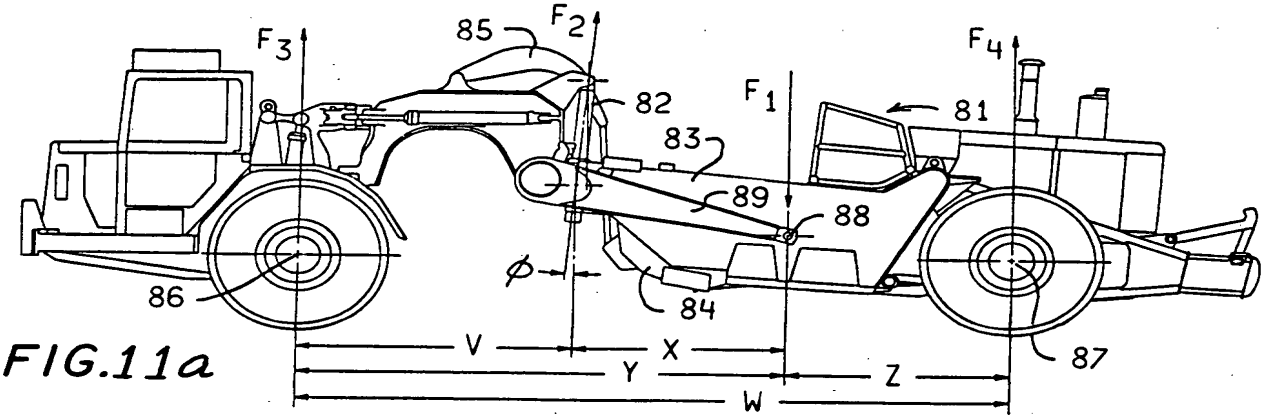

FIG.11a

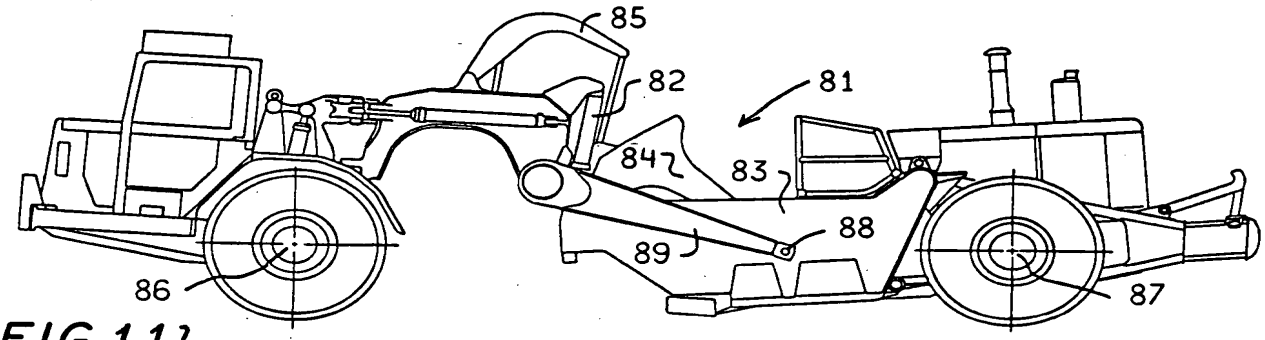

FIG.11b

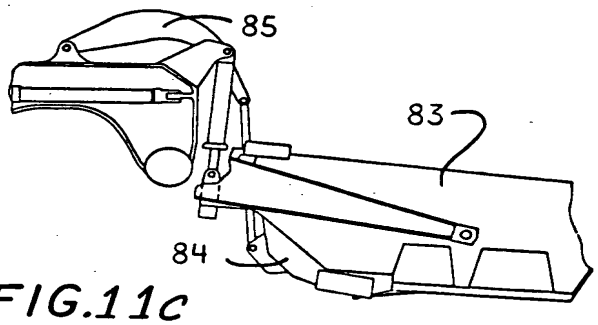

FIG.11c

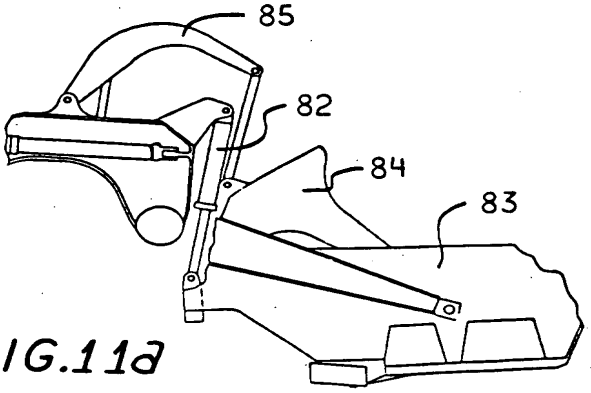

FIG.11d

APPROVED BY DRAFTSMAN | U.S. PTO | CLASS | SUBCLASS

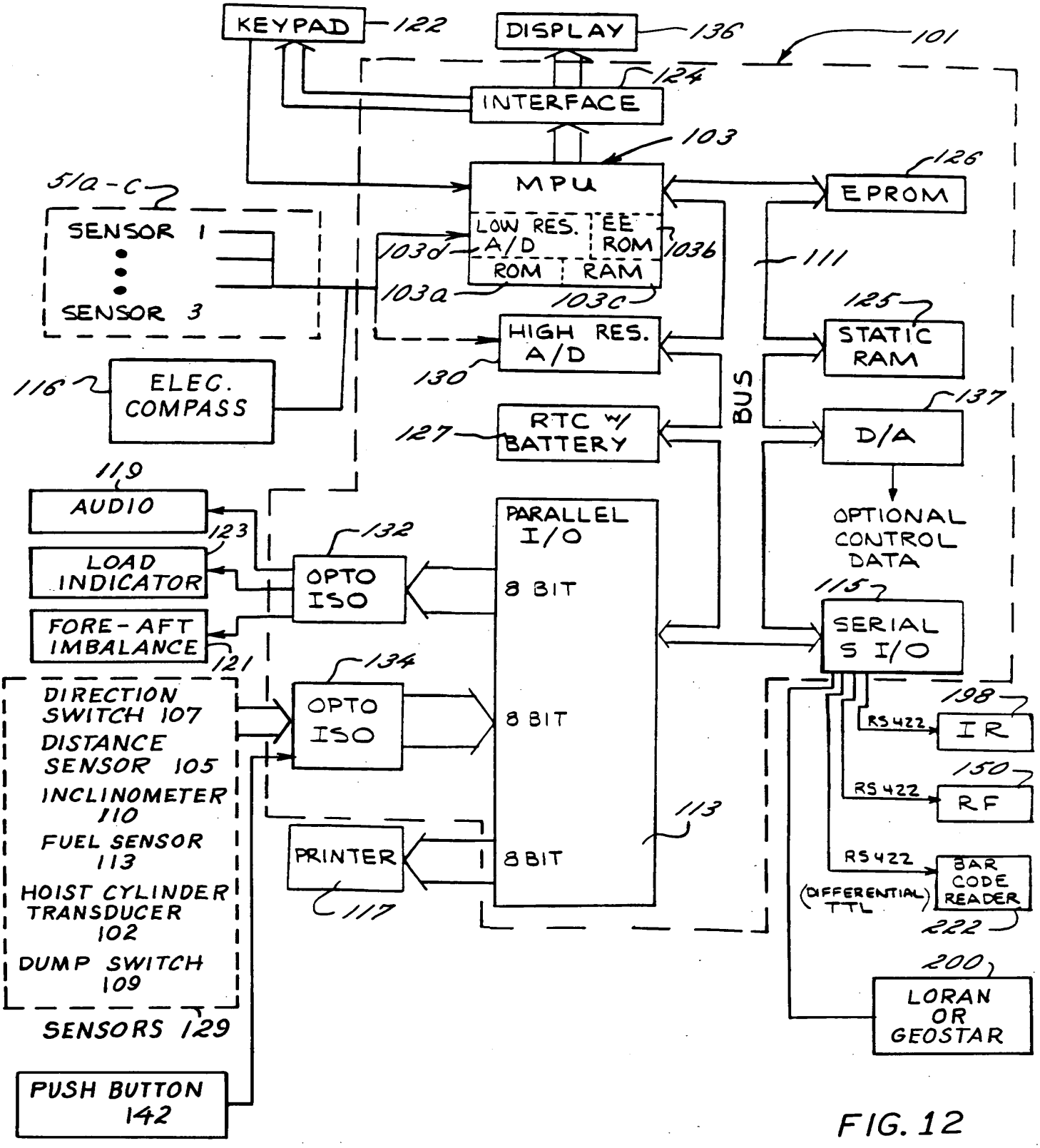

FIG. 12

APPROVED BY DRAFTSMAN | FIG. | CLASS | SUBCLASS

RAM 125

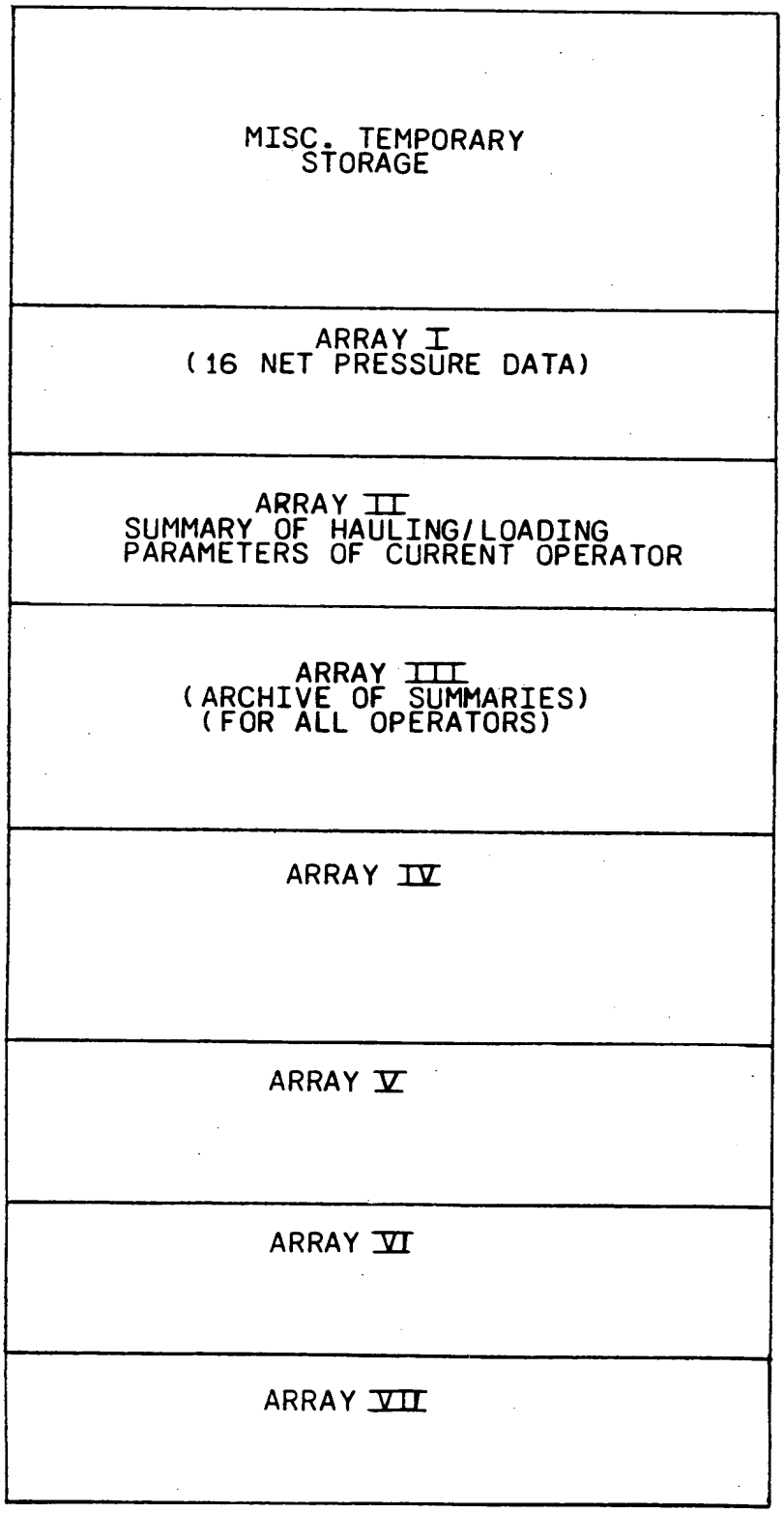

FIG. 13

FIG.
BY
CLASS | SUBCLASS
DRAFTSMAN

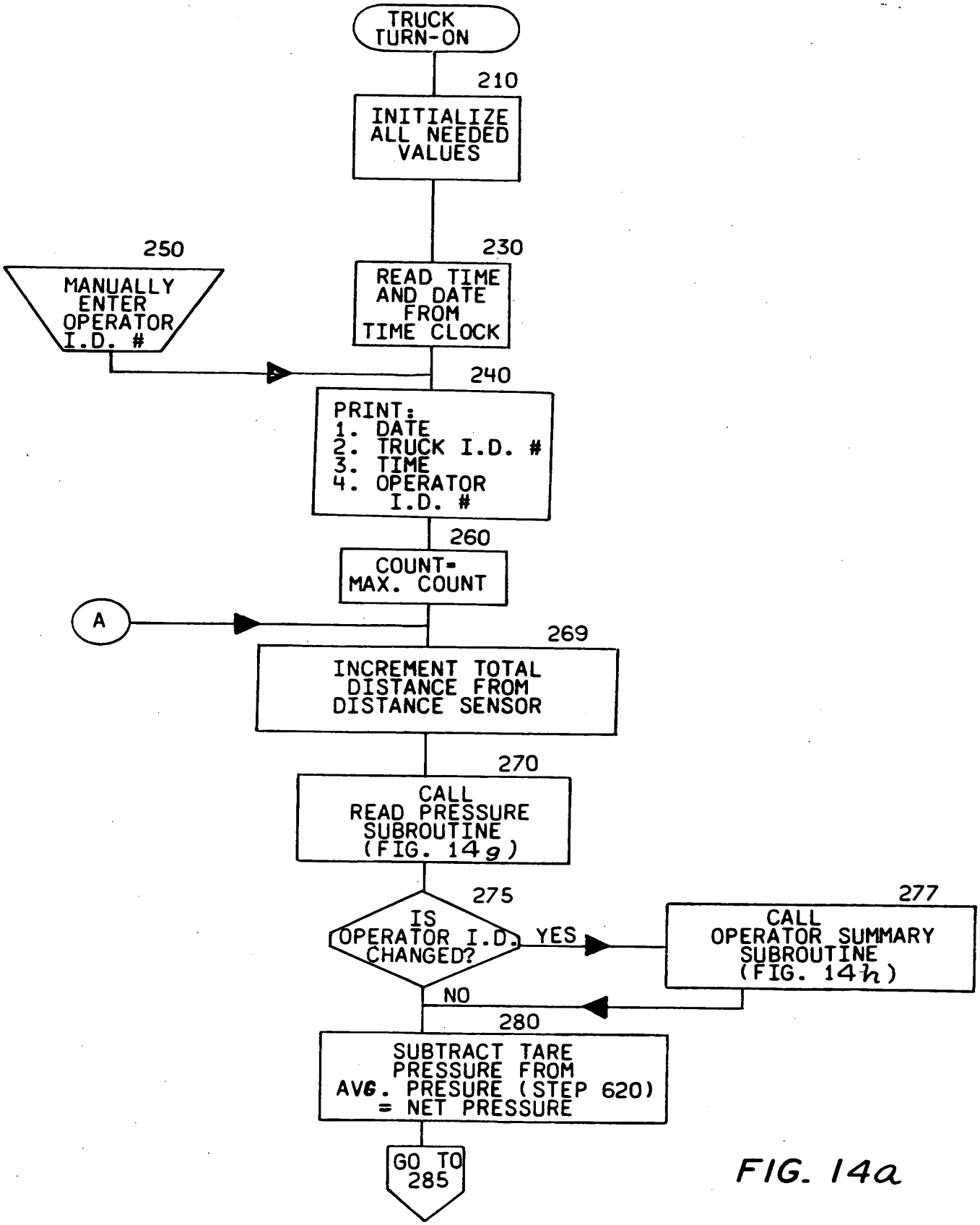

FIG. 14a

APPROVED BY DRAFTSMAN | G.E. FIG. | CLASS | SUBCLASS

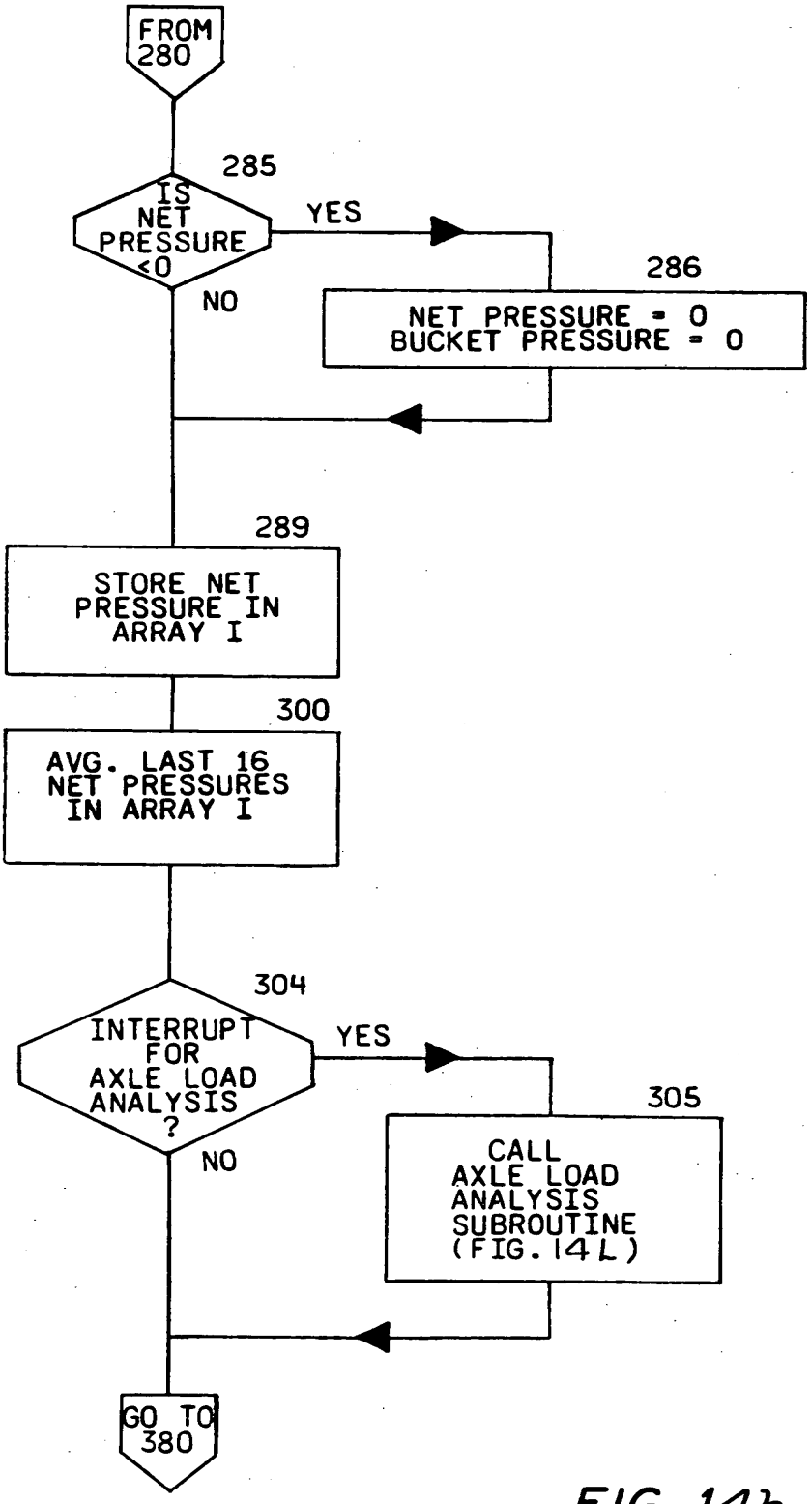

FIG. 14b

ART UNIT | C.P. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

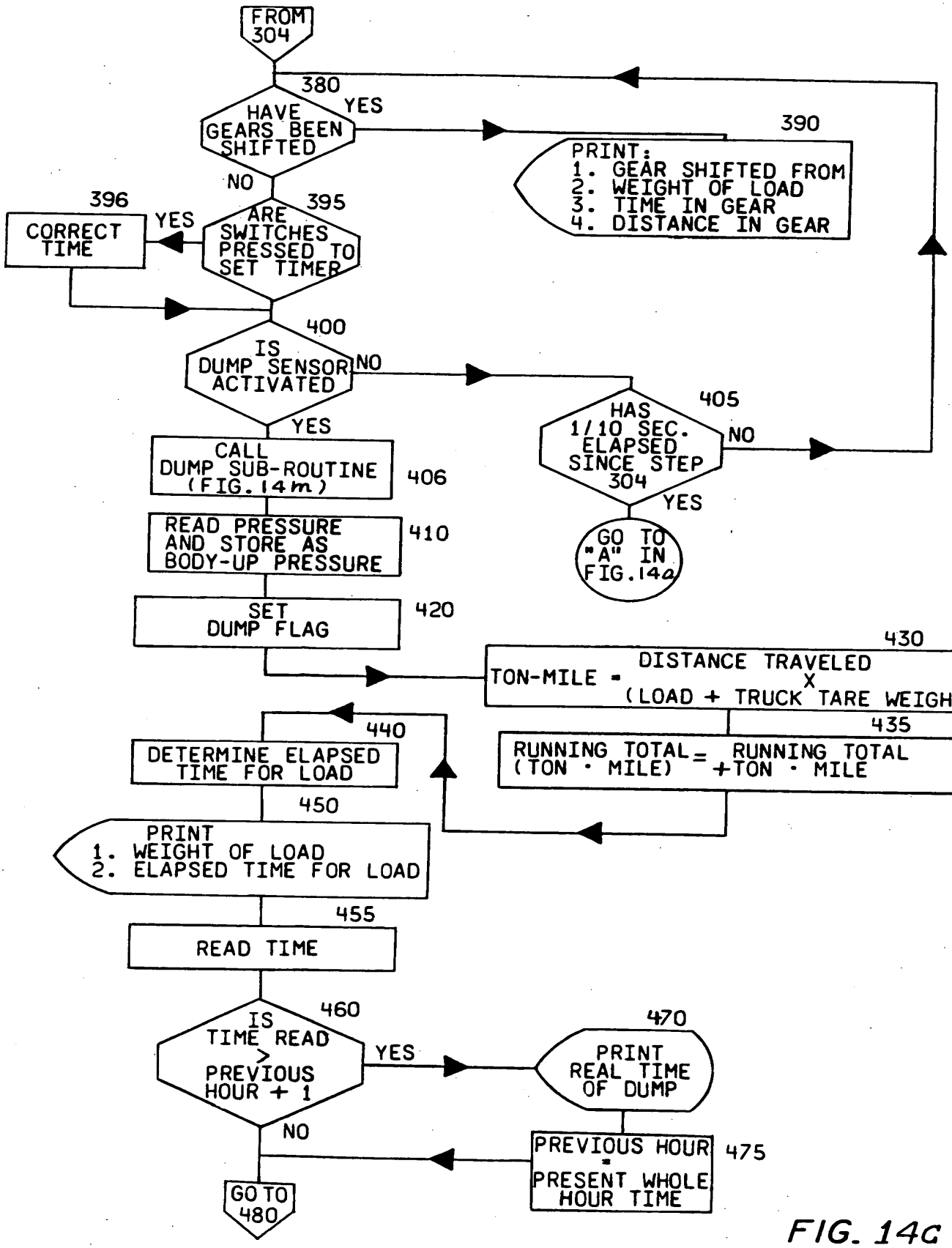

FIG. 14c

ATTORNEY | U.S. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

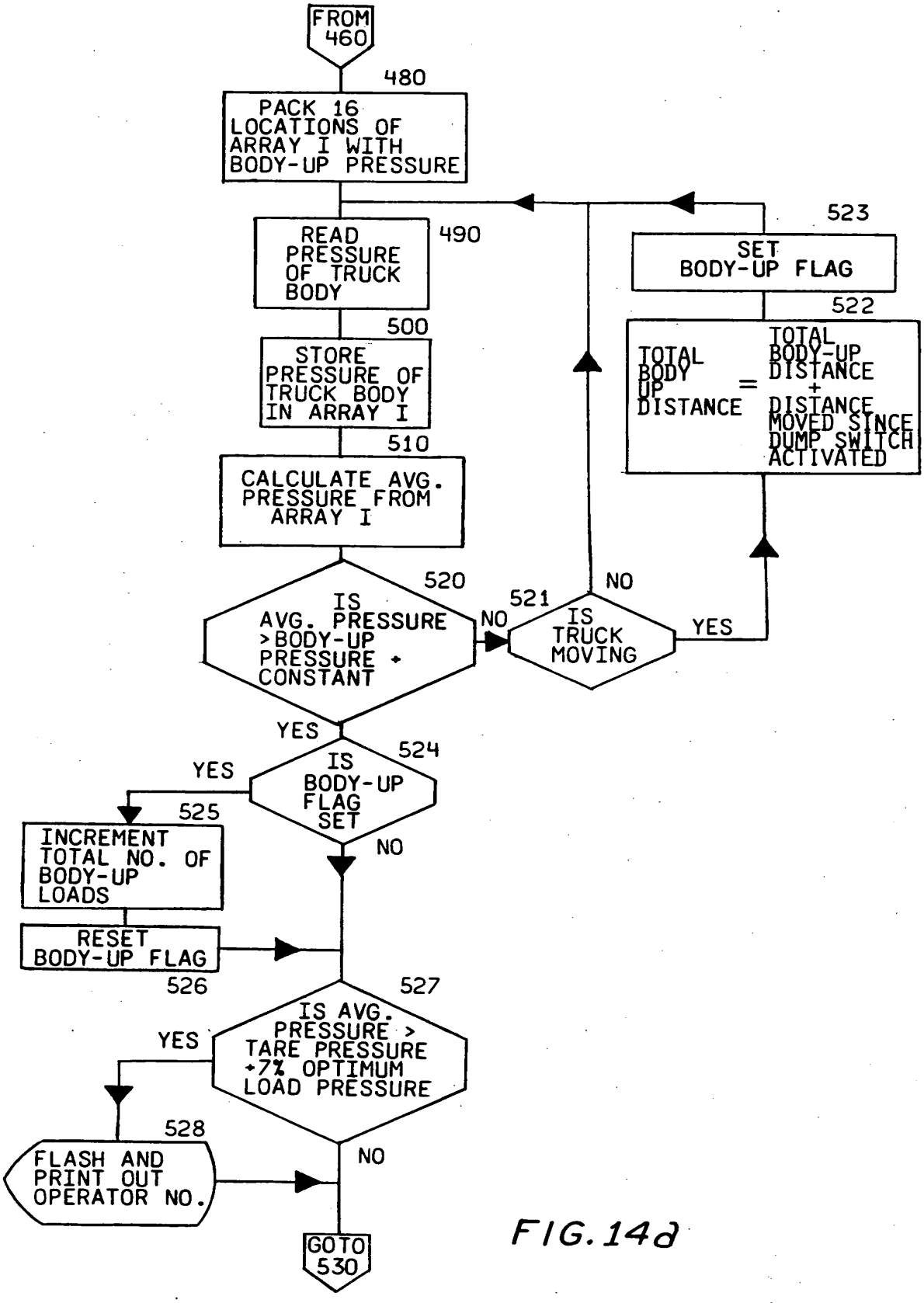

FIG. 14d

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

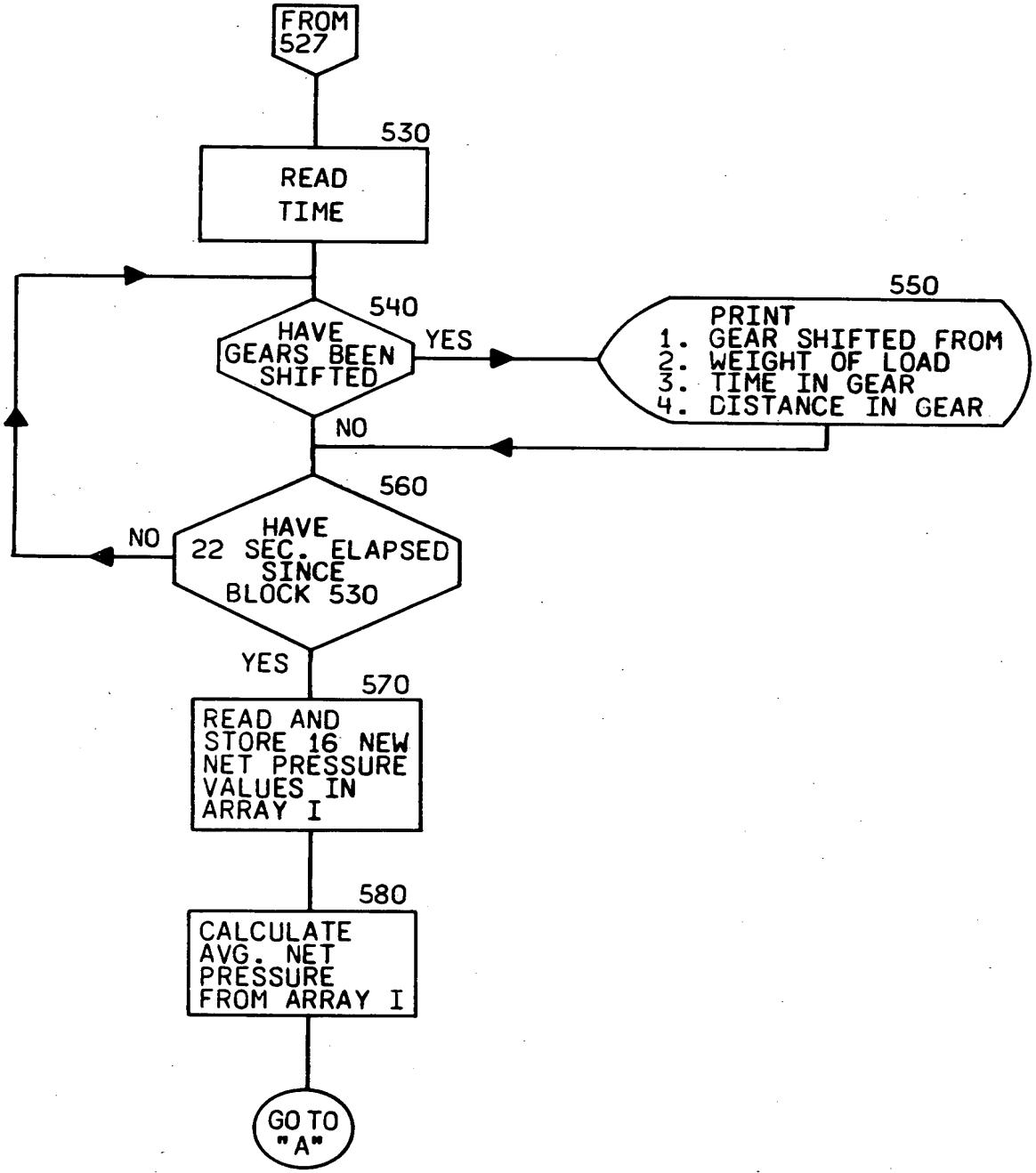

FIG. 14e

ART UNIT | FIG.
BY DRAFTSMAN | CLASS | SUBCLASS

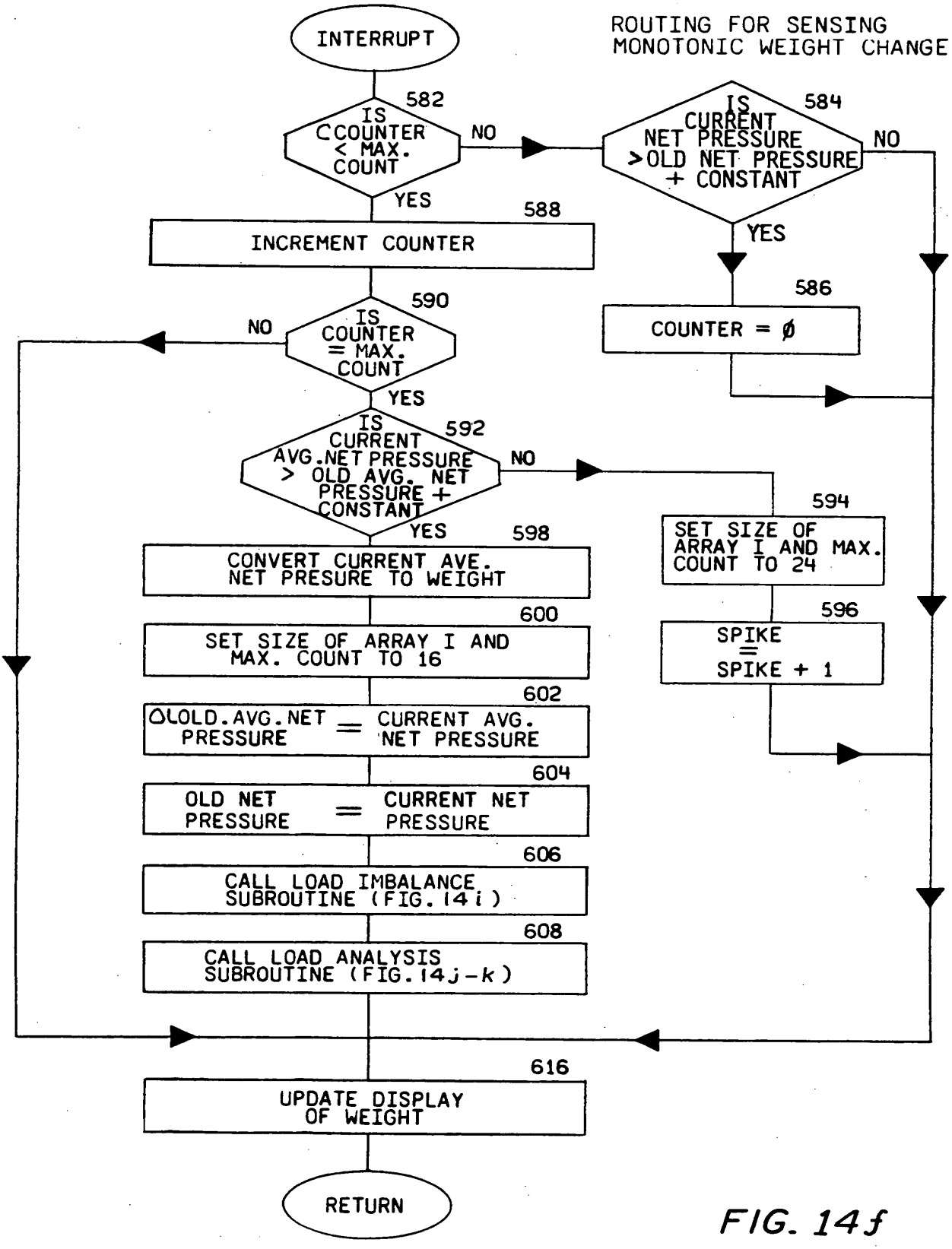

FIG. 14f

APPROV'D BY DRAFTSMAN | U.S. FIG. | CLASS | SUBCLASS

READ PRESSURE SUBROUTINE

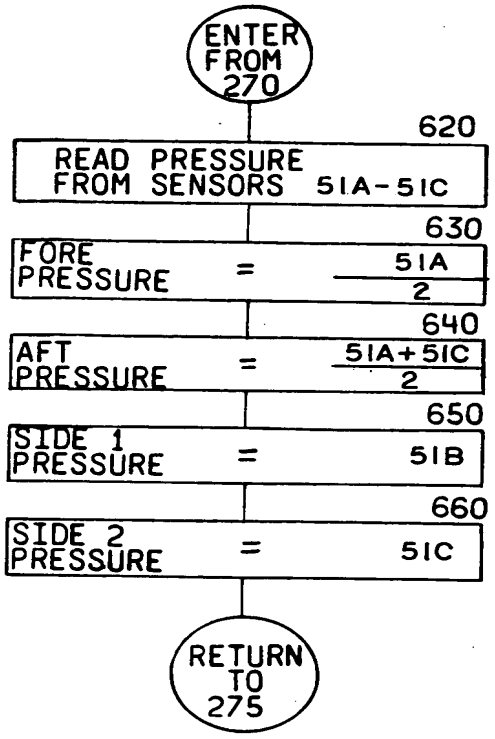

FIG. 14g

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

OPERATOR NO. CHANGE SUBROUTINE

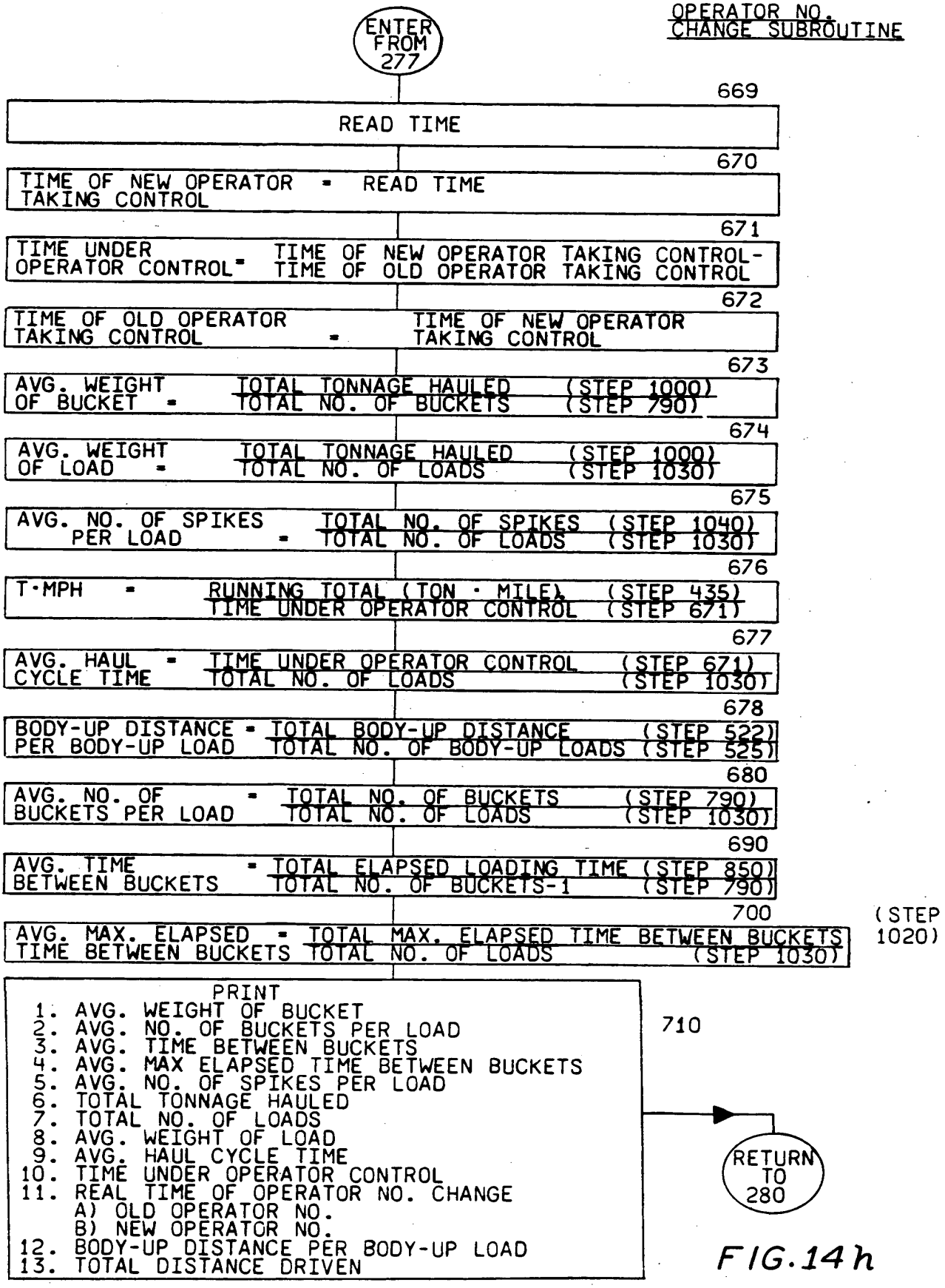

FIG. 14h

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

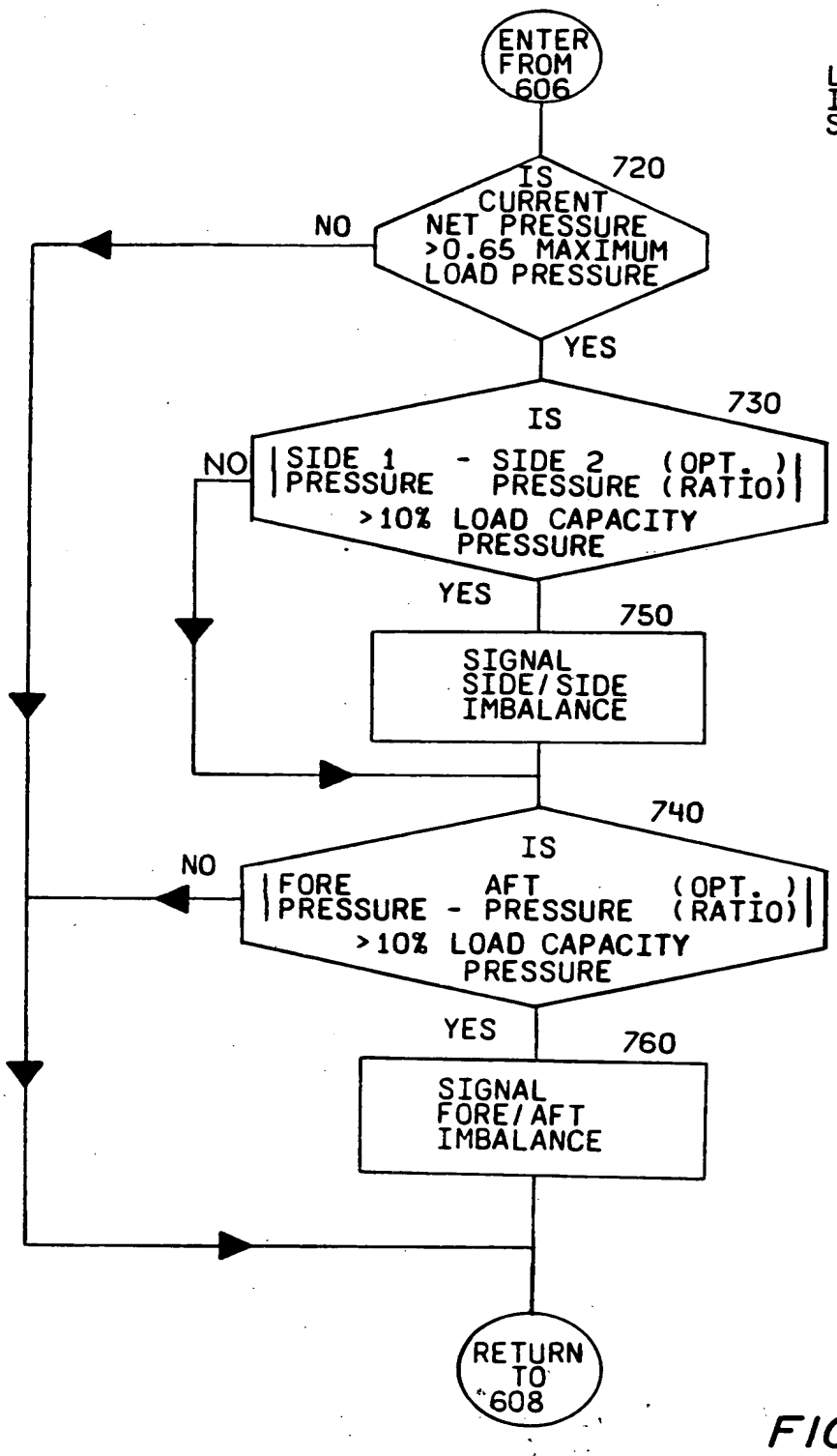

FIG. 14i

ATTORNEY'S DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

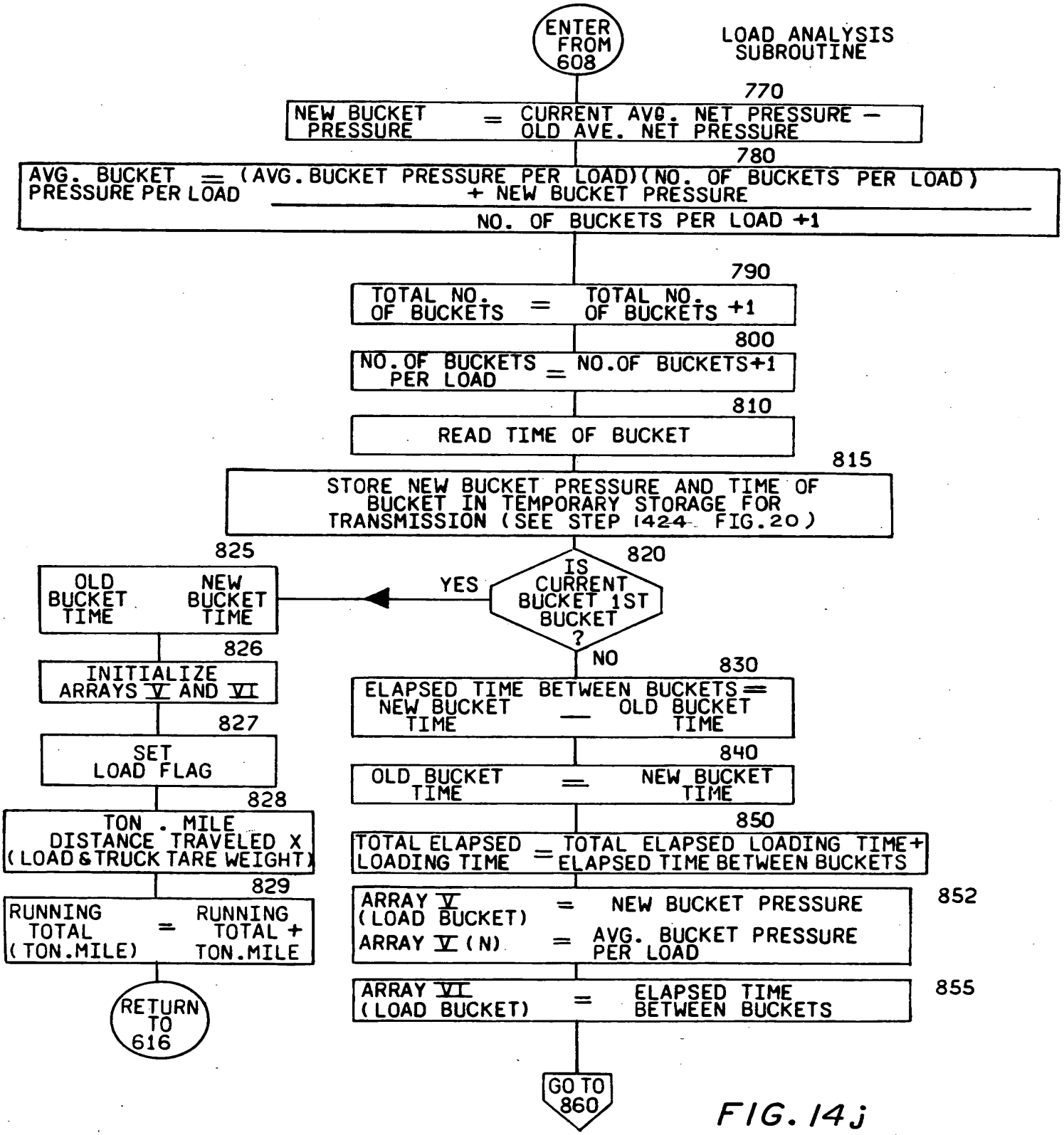

FIG. 14j

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

LOAD ANALYSIS SUBROUTINE (CONT.)

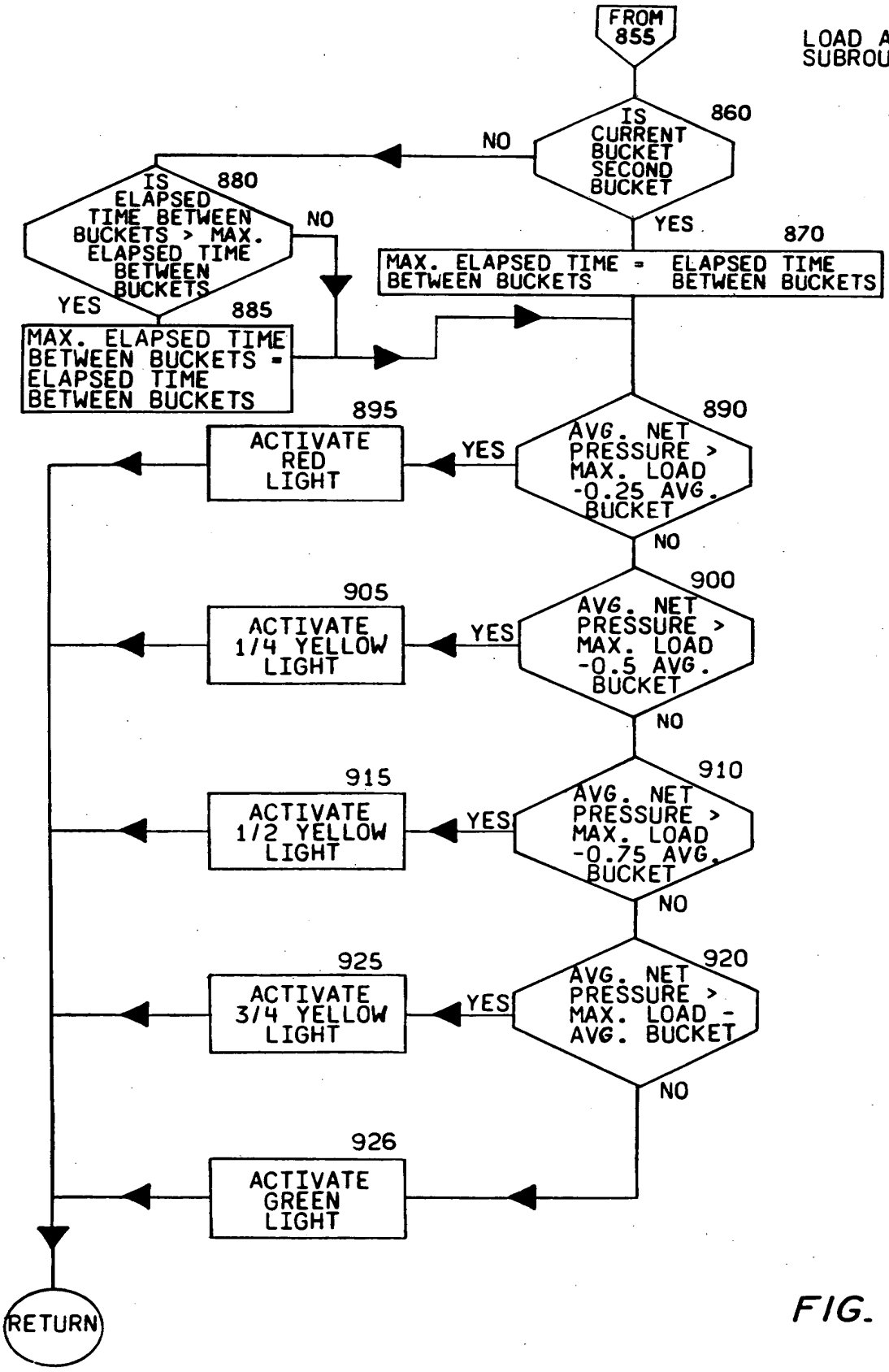

FIG. 14k

AFFIXED BY DRAFTSMAN | U.S. FIG. | CLASS | SUBCLASS

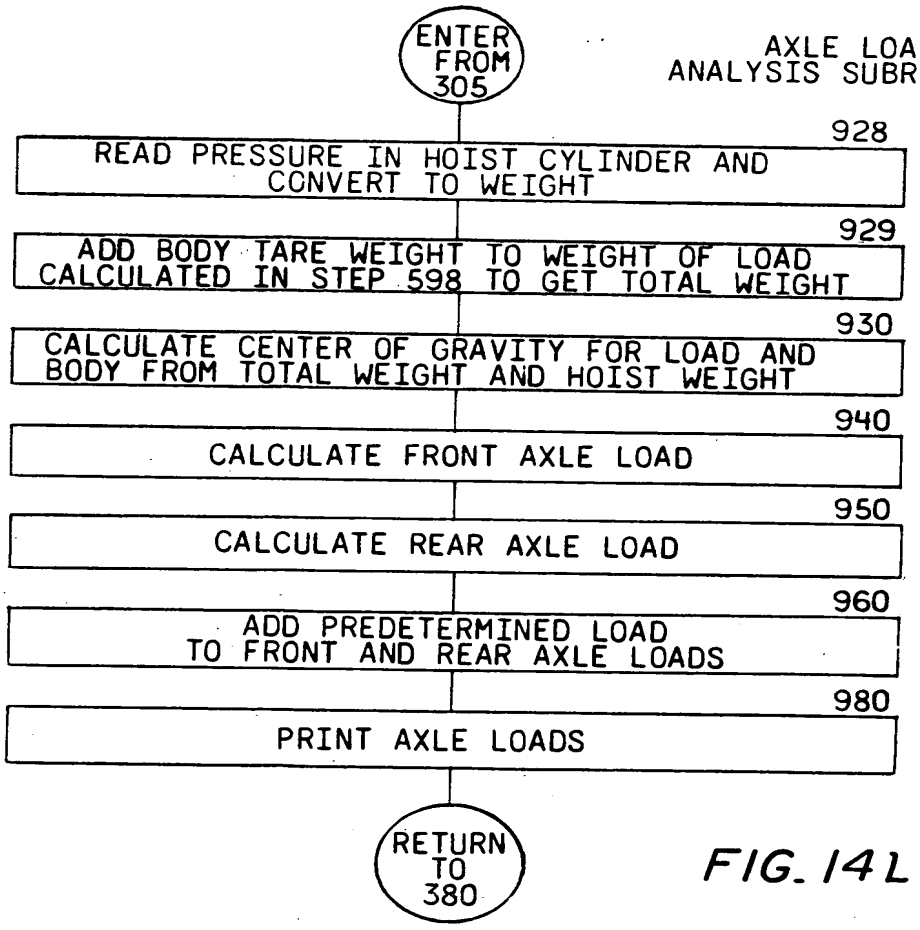

FIG. 14L

APPROVED BY DRAFTSMAN | U.S. FIG. | CLASS | SUBCLASS

DUMP SUBROUTINE

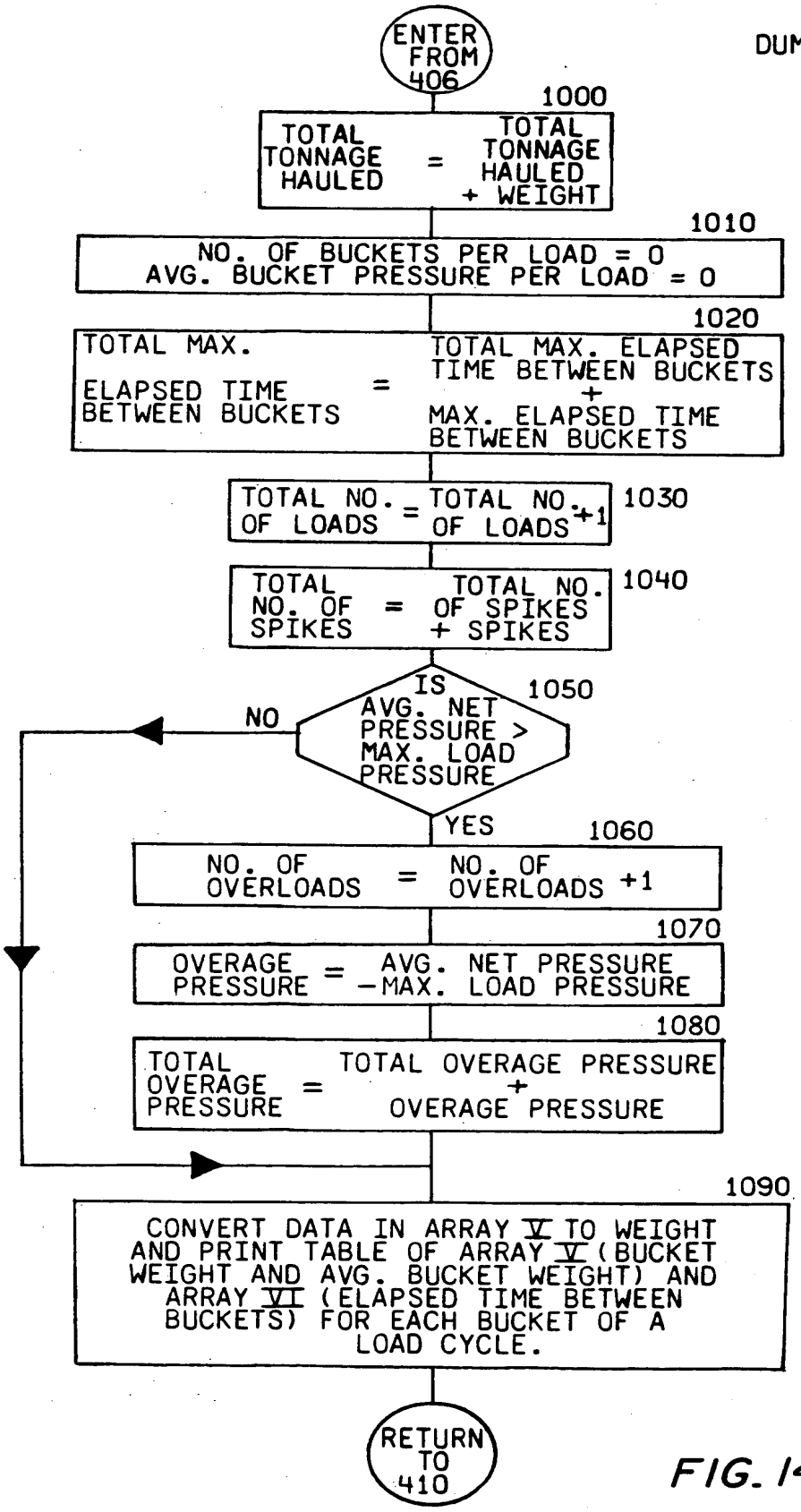

FIG. 14m

APPROVED BY DRAFTSMAN | U.S. FIG. | CLASS | SUBCLASS

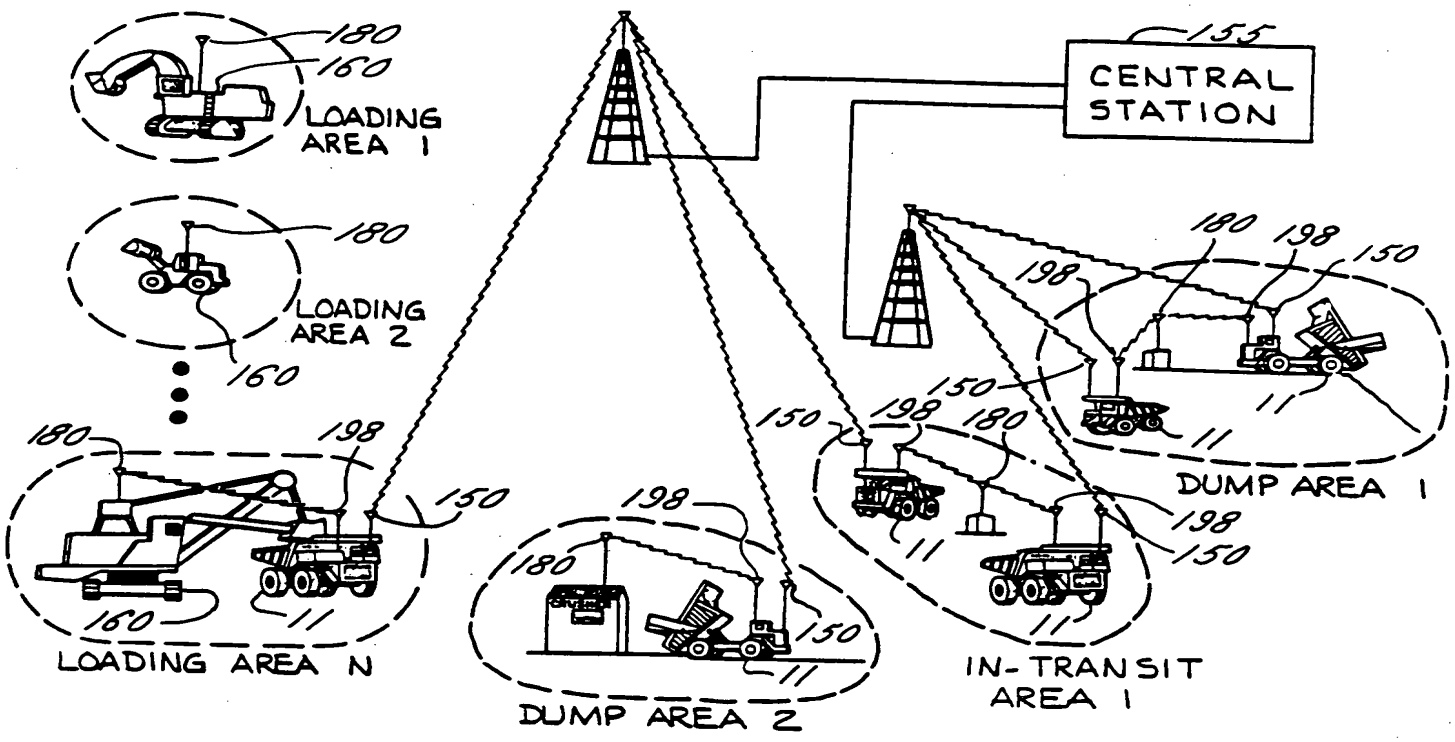

FIG. 15a

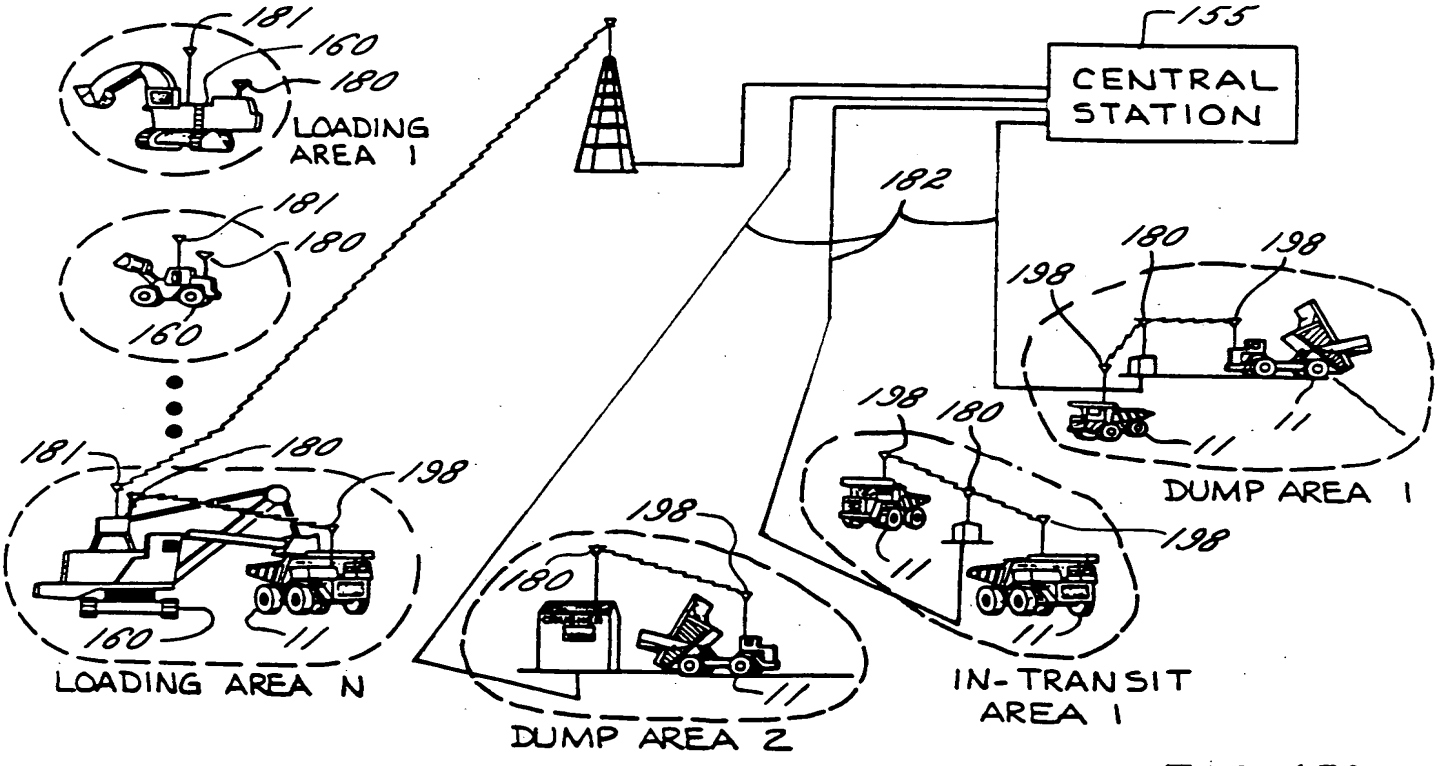

FIG. 15b

APPROVED BY DRAFTSMAN | U.S. FIG. | CLASS | SUBCLASS

FROM FIELD EQUIPMENT TO CENTRAL STATION

SYNC.	EQUIPMENT NO.	RAW DATA STREAM

FIG. 16a

FROM CENTRAL STATION TO FIELD EQUIPMENT

SYNC.	EQUIPMENT NO.	CONTROL DATA

FIG. 16b

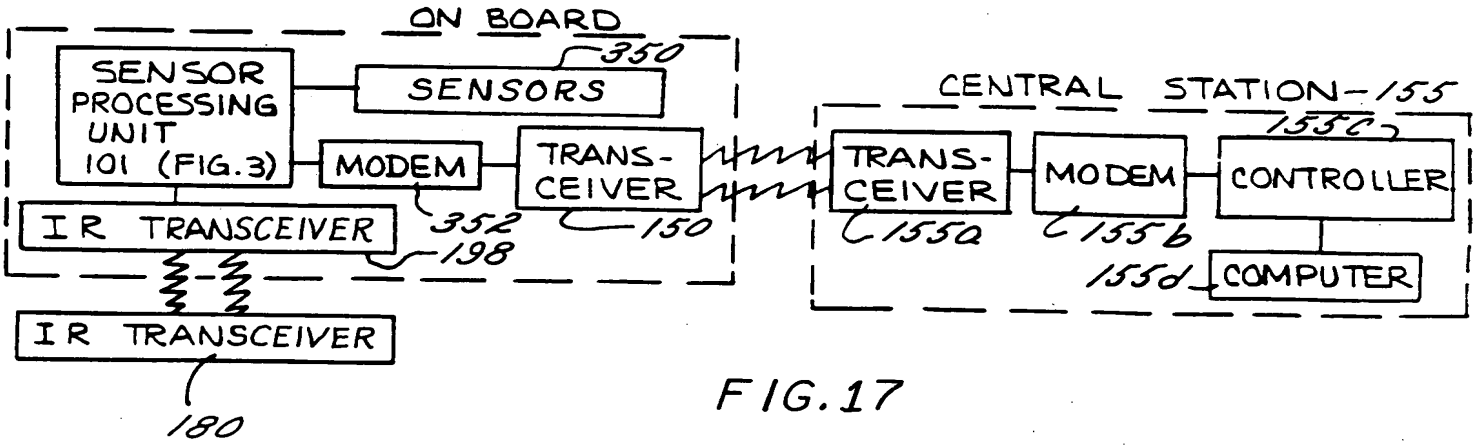

FIG. 17

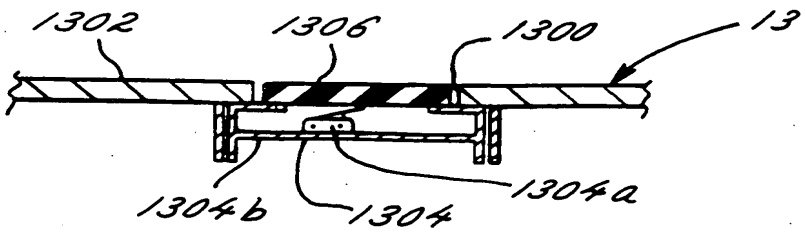

FIG. 18

ATTORNEY | FIG. | CLASS | SUBCLASS | BY DRAFTSMAN

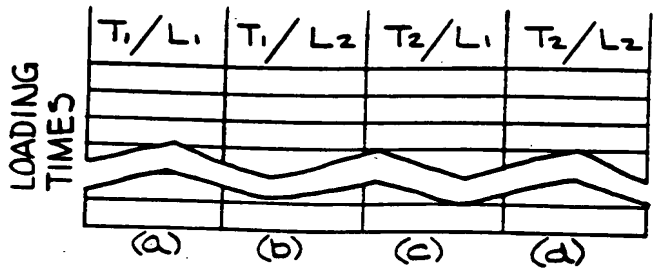

FIG. 19a

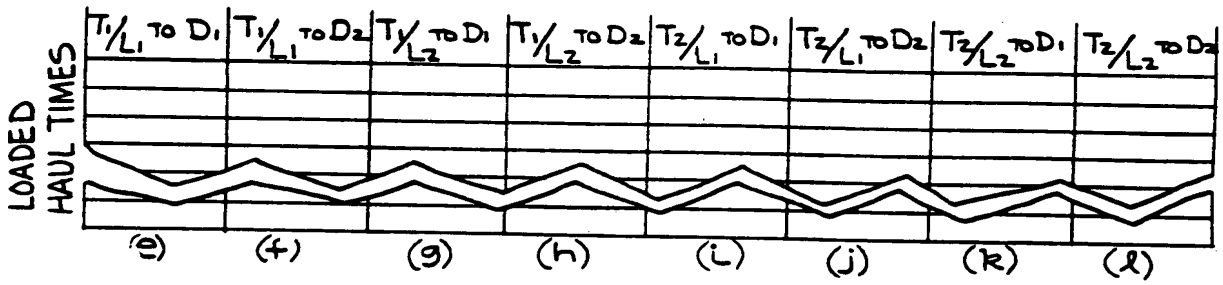

FIG. 19b

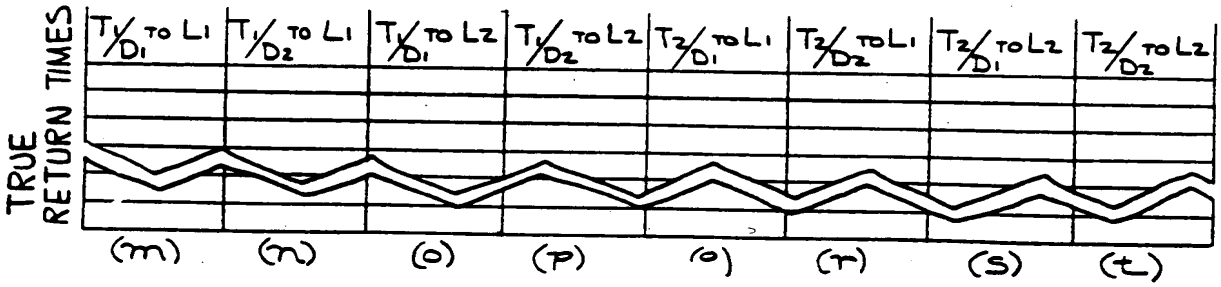

FIG. 19c

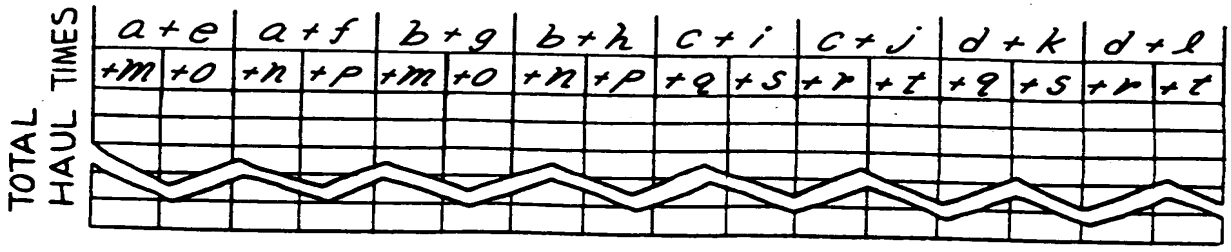

FIG. 19d

KEY TO FIGURES

T_1 = 1ST TYPE OF VEHICLE
T_2 = 2ND TYPE OF VEHICLE
L_1 = 1ST LOADING AREA
L_2 = 2ND LOADING AREA
D_1 = 1ST DUMP AREA
D_2 = 2ND DUMP AREA

ATTY'S U.S. PTO
BY | CLASS | SUBCLASS
DRAFTSMAN

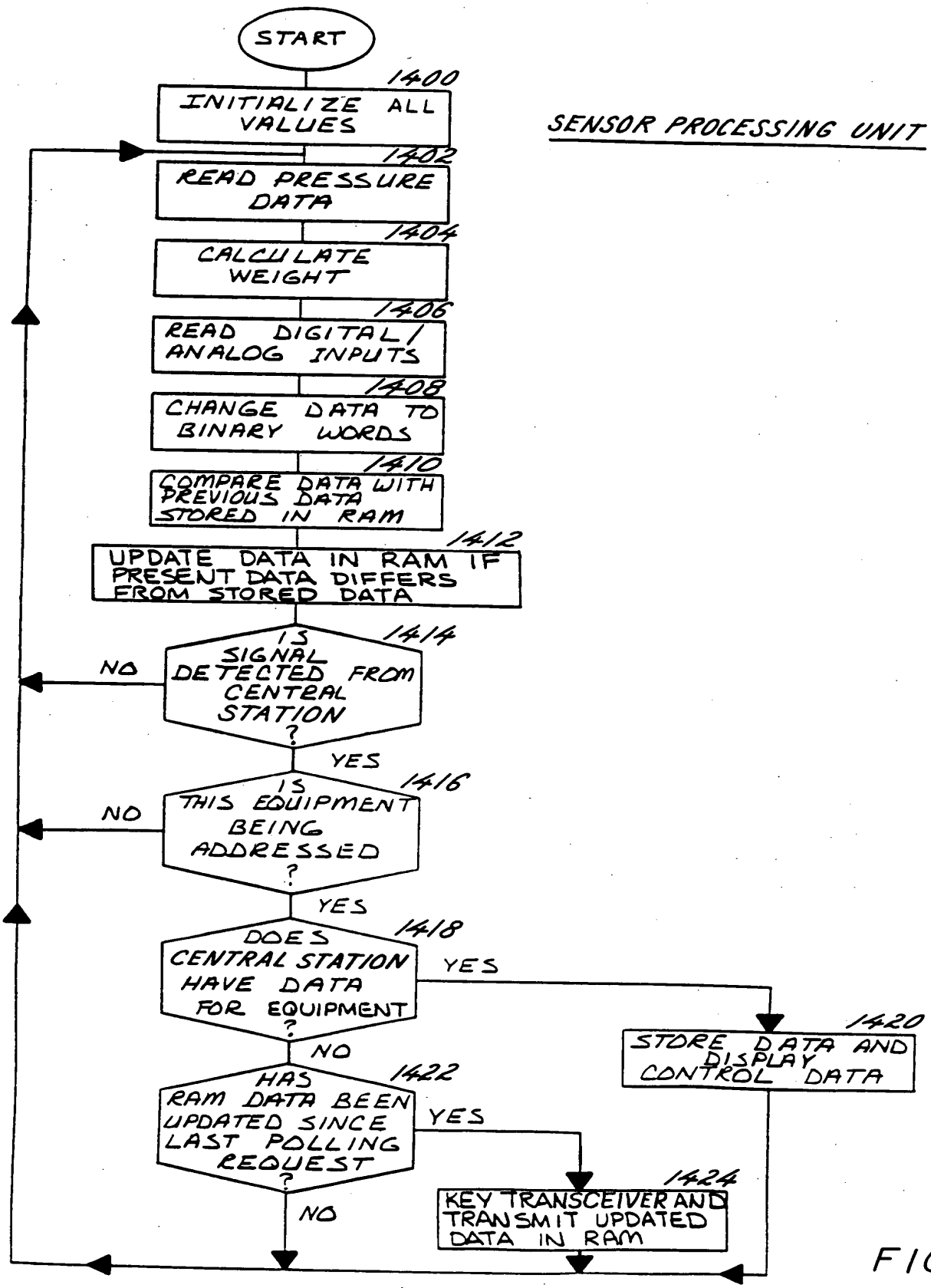

FIG. 20

APPROVED BY DRAFTSMAN | U.S. FIG. | CLASS | SUBCLASS

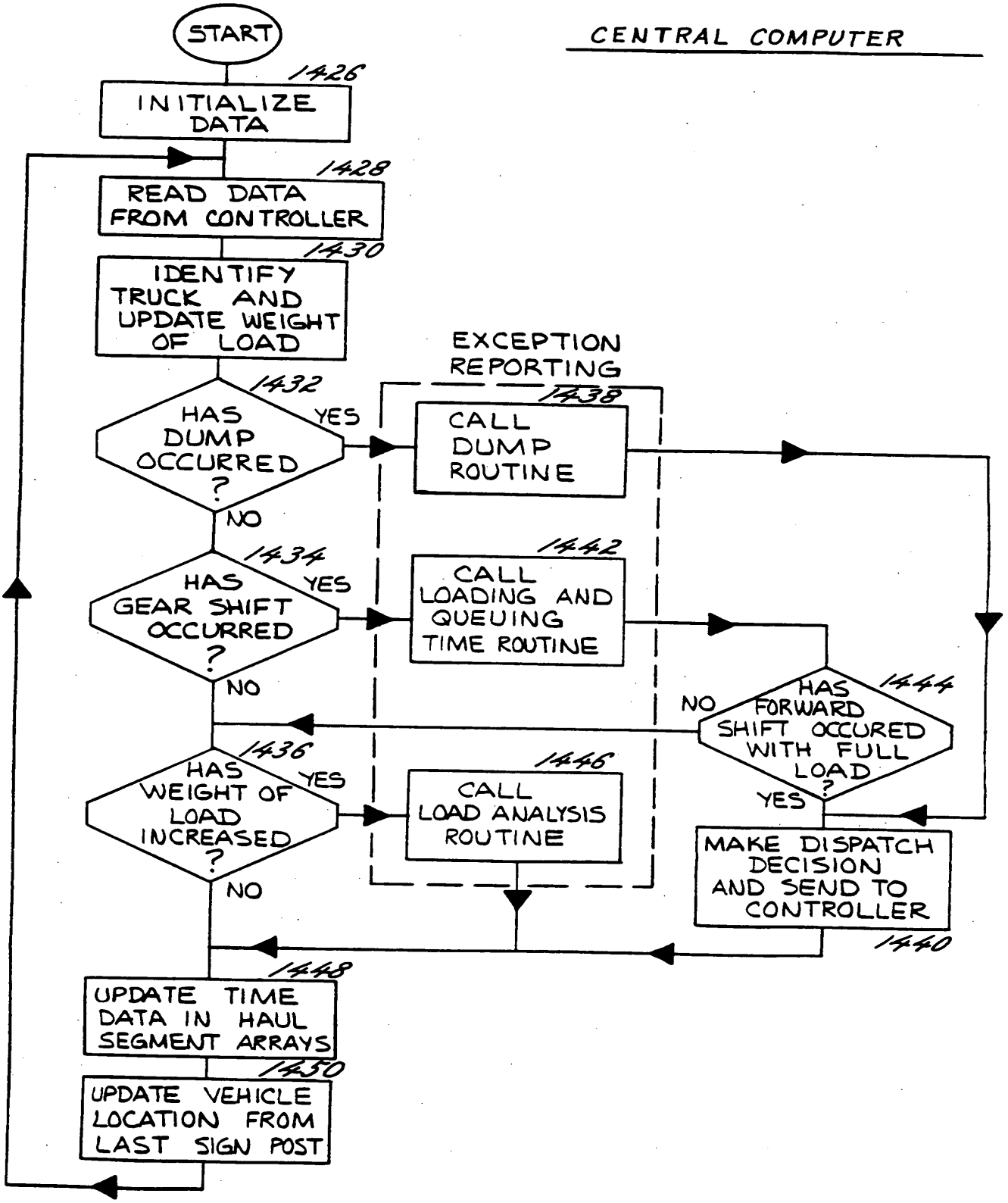

FIG. 21

APPROVED BY DRAFTSMAN | CLASS | SUBCLASS

DUMP ROUTINE

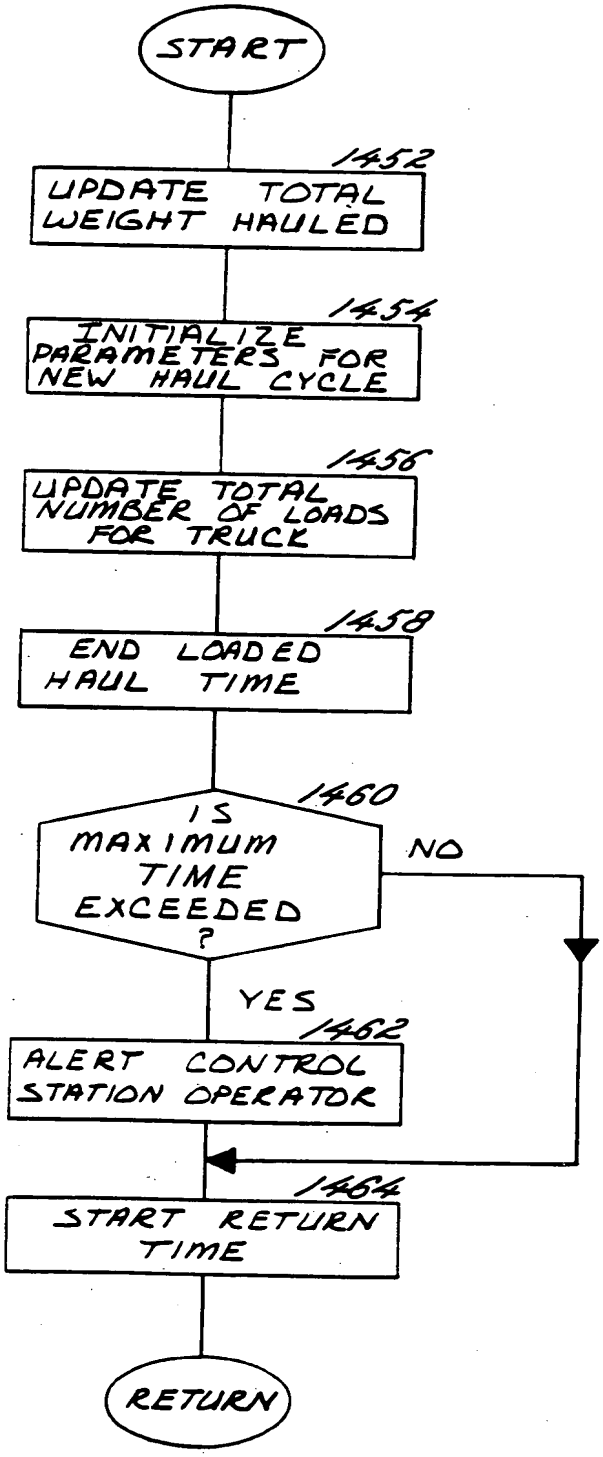

FIG. 22

APPROVED BY DRAFTSMAN | CLASS | SUBCLASS

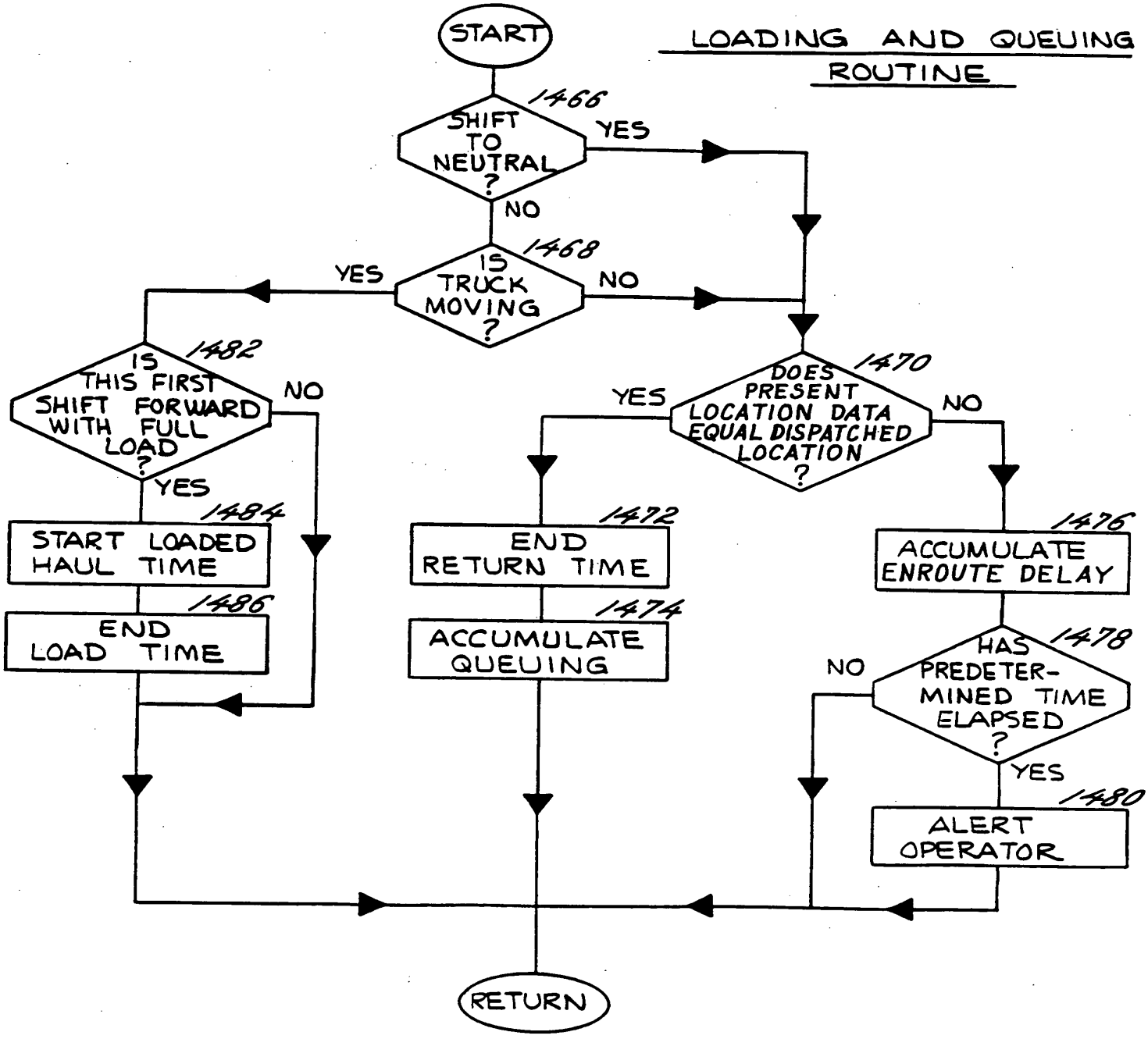

FIG. 23

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

LOAD ANALYSIS ROUTINE

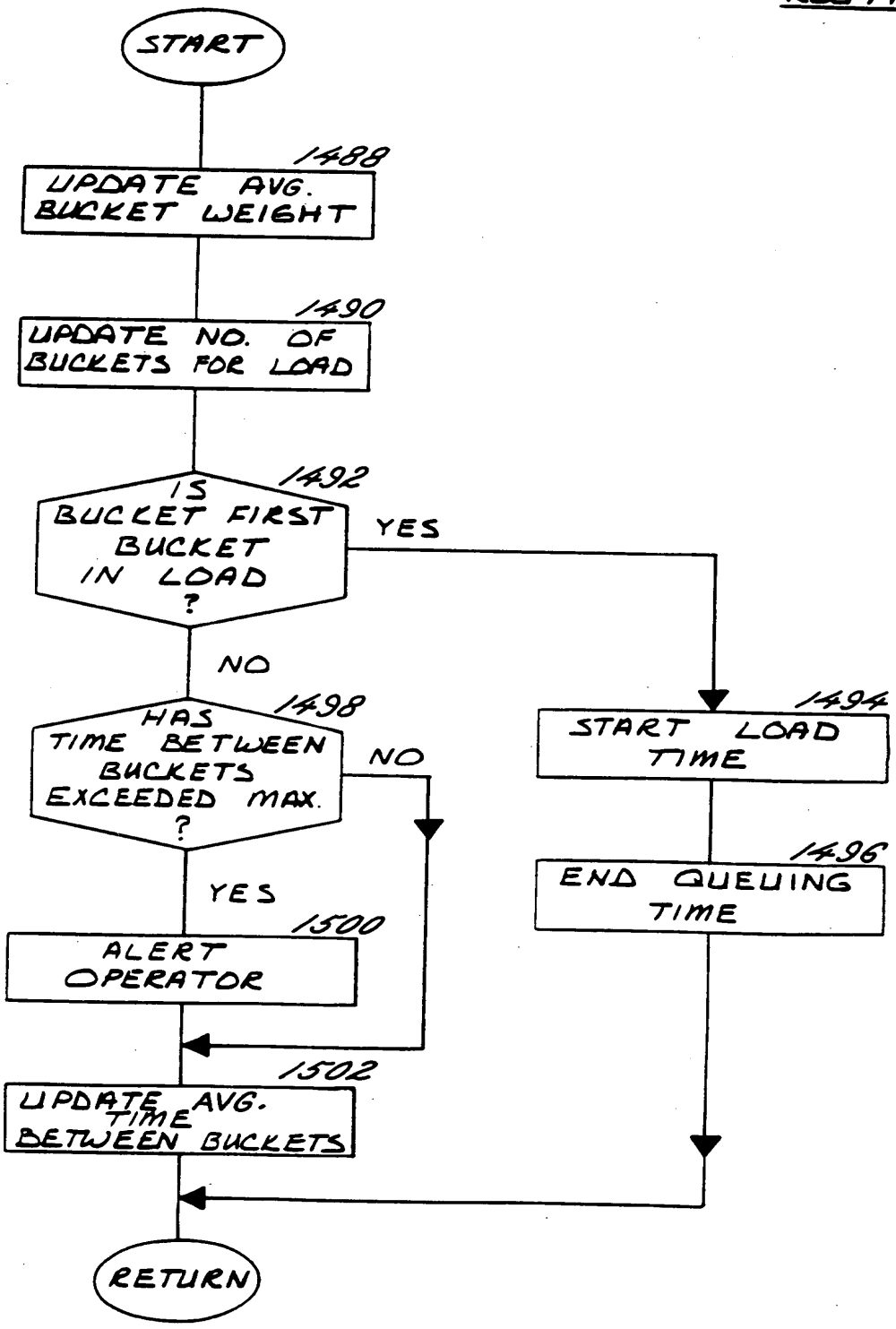

FIG. 24

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

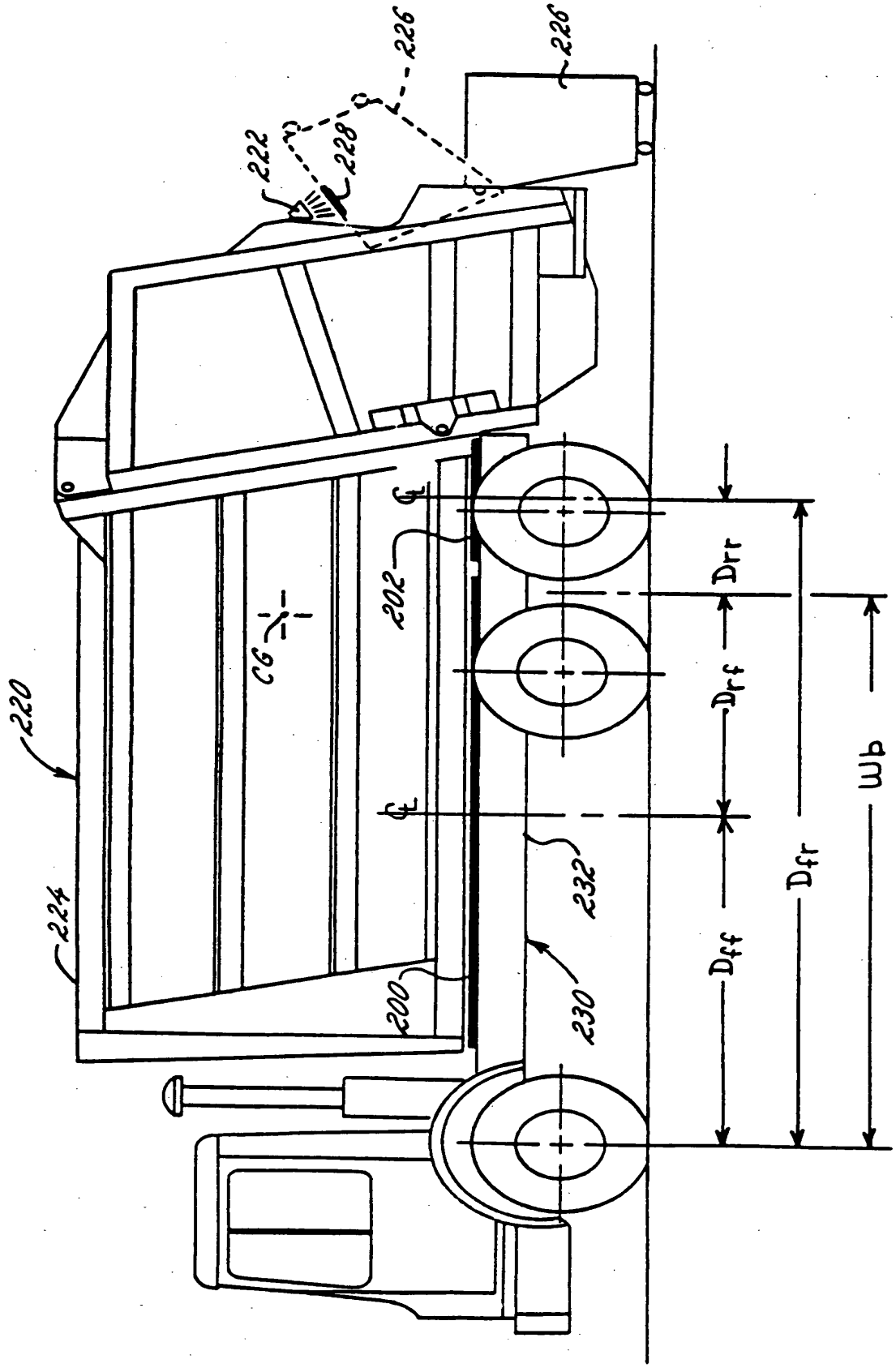

FIG. 25

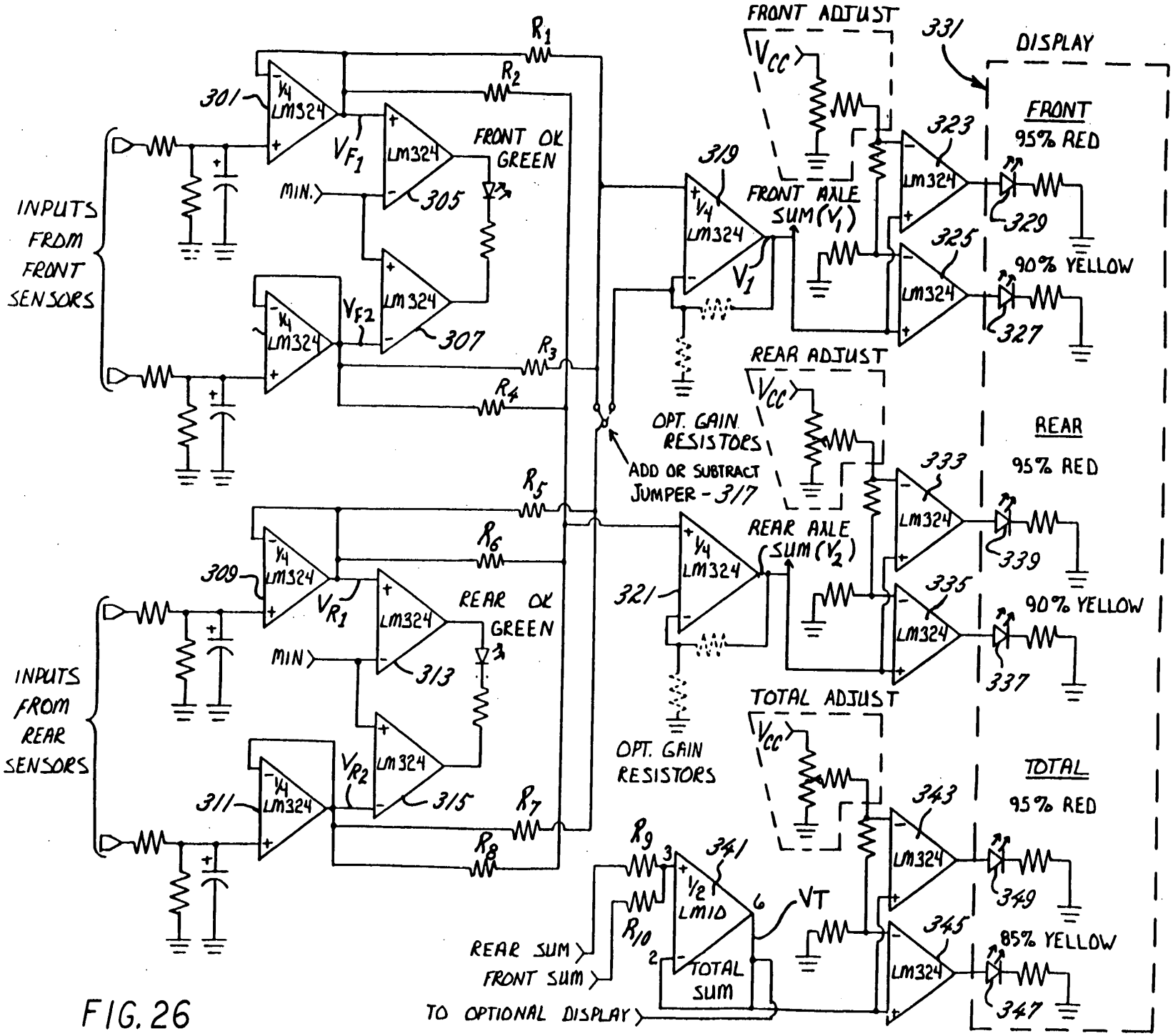
INPUTS FROM FRONT SENSORS
INPUTS FROM REAR SENSORS
301
309
311
305
307
313
315
319
321
323
325
327
329
331
333
335
337
339
341
343
345
347
349
FRONT OK GREEN
REAR OK GREEN
MIN.
MIN
FRONT ADJUST
REAR ADJUST
TOTAL ADJUST
FRONT AXLE SUM (V_1)
REAR AXLE SUM (V_2)
OPT. GAIN RESISTORS
OPT. GAIN RESISTORS
ADD OR SUBTRACT JUMPER - 317
DISPLAY
FRONT
95% RED
90% YELLOW
REAR
95% RED
90% YELLOW
TOTAL
95% RED
85% YELLOW
REAR SUM
FRONT SUM
TO OPTIONAL DISPLAY
TOTAL SUM
VT
LM324
LM10

FIG. 26

BY
DRAFTSMAN
SUBCLASS

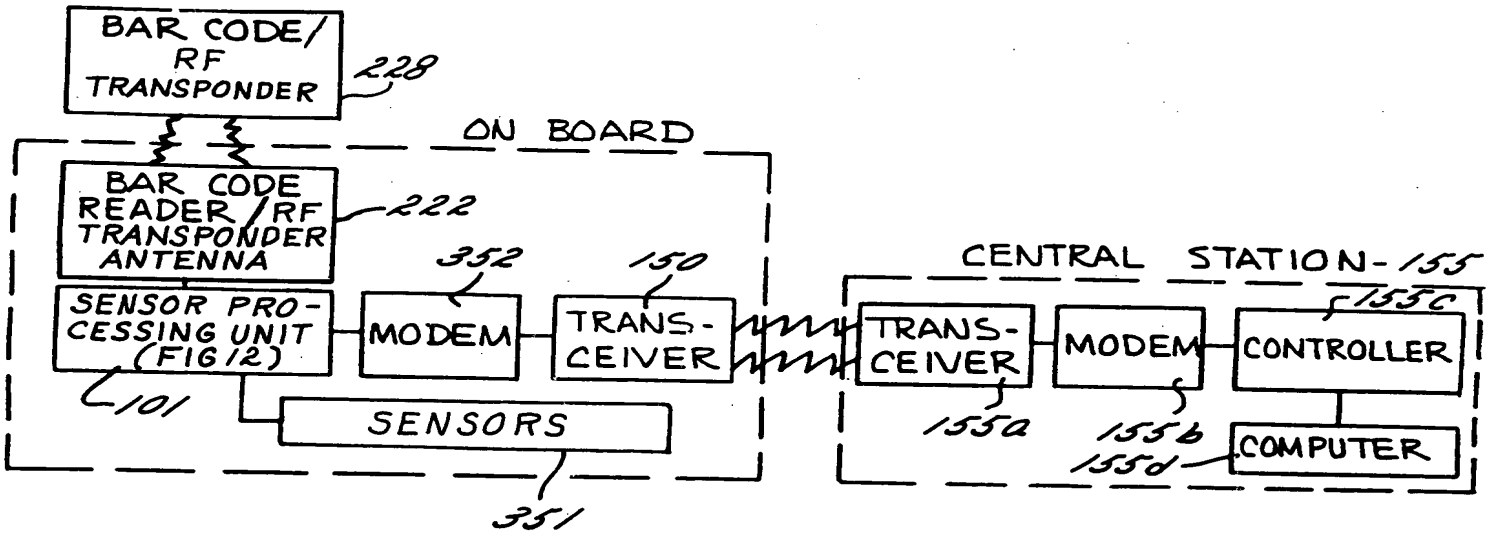

FIG. 27